

PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A201 THROUGH A203

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A201. POWER EQUIPMENT							
A201.000 BATTERIES							
A201.010 CANCEL - SEE	157	421	501				Dry Cells and Dry Batteries -
App. 1 A201.010							J86212F Coin Control Supply (SD-80634-01)
A201.011 CANCEL - SEE	157	221	501				KS-7777, KS-7778 and KS-15760 Batteries - (Air Depolarized Cells)
A201.033 CANCEL - SEE	157	601	502				Short Discharge Capacity Test for Storage Batteries - 30 to 200 Ampere-Hour Capacities
Add. A201.034 CANCEL - SEE	157	601	503				Single-Cell Discharge Capacity Test for Storage Batteries - 180- to 1680-Ampere-Hour Capacities
A201.034							
A201.200 ENGINES AND ENGINE SETS							
A201.299 CANCEL - SEE	159	199	501	PN (W)			Engines, Diesel and Gasoline
A201.300 RECTIFIERS AND RECTIFIER - INVERTERS							
A201.301 CANCEL - SEE	169	205	501				Mercury ARC Rectifiers
A201.400 INTERRUPTERS							
A201.426 CANCEL - SEE	163	650	501				Rotary Mercury Type - Insulation Resistance Tests
A201.500 POWER PANELS AND CONTROL EQUIPMENT							
→ A201.501				CANCELLED			Power Panel and Regular Control Equipment
Add. A201.515 CANCEL - SEE	ADD. 171	140	501	PN (W)			Emergency Lighting Equipment
A201.515 CANCEL - SEE	171	140	501				
A201.531 CANCEL - SEE	069	135	501				Solderless Connectors
A201.600 POWER ALARM CIRCUITS							
A201.631 CANCEL - SEE	171	105	501				Alarm and Transfer Circuit - Positive 24-Volt Supply for Terminating Markers and Line Verification Trunks - No. 1 Crossbar Offices

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PVB	W-I	CODE	0	CODE	
A202. DISTRIBUTING FRAMES, RACKS, AND FUSE PANELS							
A202.000 DISTRIBUTING FRAMES							
→ Add. A202.001							Distributing Frames
→ A202.001 CANCEL - SEE	201-204-501						
→ A202.020 CANCEL - SEE	201-206-501						Heat Coil and Protector Spring Con- tacts - Resistance Test
A202.400 FUSE PANELS							
Add. A202.401							Inspection of Fuses and Fuse Panels
A202.401 CANCEL - SEE	026-371-501						
A203. SWITCHBOARD EQUIPMENT - COMMON TO ALL OFFICES							
Add. A203.004							Head Telephone Sets - 52 Type - Vis- ual Inspection and Electrical Tests
A203.004 CANCEL - SEE	028-360-501						
A203.005 CANCEL - SEE	032-322-501						Cords, Plugs, Associated Keys and Lamps and Misc. Shelf Apparatus - Visual Inspection
A203.006 CANCEL - SEE	032-521-501						Nos. 109 and 110 Switchboard Plugs
A203.007 CANCEL - SEE	032-520-501						Nos. 47 and 289, and Similar Type Plugs
A203.008 CANCEL - SEE	028-370-501						Headsets - 1020 Type
A203.010 CANCEL - SEE	032-350-501						49 and 92 Type Switchboard Multiple Jacks - Local Switchboards
A203.011 CANCEL - SEE	032-353-501						141 Type Switchboard Multiple Jacks - Nos. 9 and 10 Switchboards
A203.012 CANCEL - SEE	032-350-502						Nos. 49, 92, 141, 218 and Similar Type Jacks Using Test Set J94720A
A203.060 CANCEL - SEE	030-121-501						Clock Circuits
Add. A203.066							2-, 4-, 5-, and 6-Type Dials Speed Per Cent Break Tests
A203.066 CANCEL - SEE	028-300-501						
A203.995		A	A	A12,E13	NS		Auxiliary Signal and Night Bell Cir- cuits - Com. Battery - Local, Toll, and DSA Switchboards
A203.999		B	B	A10,E13	NS		Peg Count Traffic Registers - Mechan- ically Operated and Non-automatic Electrically Operated - Manually Oper- ated
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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A204 THROUGH A206

COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	0	CODE	
A204. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES							
A204.000 TESTING EQUIPMENT							
Add. A204.010 CANCEL - SEE	100	137	501				Relay Timing Test Set - J94713A
A204.010							
A204.015 CANCEL - SEE	100	130	501				Test Set for Timing Tests - J24753A
A204.017 CANCEL - SEE	100	232	501				Pulsing Test Set SD-31481-01 (J34717A)
Add. A204.021 CANCEL - SEE	100	263	501				2A and 2B Signaling Test Sets - J64730
A204.021							
Add. A204.022 CANCEL - SEE	103	235	500				Far-End Transmission Measuring and Noise Checking Equipment
A204.022							
→ A204.026 CANCEL - SEE	067	301	501				Tests and Inspections - Line Concentrator Test Circuit - Associated with 520-Type PBX Emergency Reporting System
A204.100 APPARATUS							
Add. A204.102 CANCEL - SEE	032	324	501				Test of Unattached Cords and Make-Busy Plugs - Using Patching Cord Test Set
A204.102							
A204.103.00 CANCEL - SEE	103	428	100				L Carrier Tel. Systems - Televisions Systems - J64001AR, 1AR Patch Cord Test Set -
A204.103.10 CANCEL - SEE	103	428	101				Continuity and Short Tests
A204.103.11 CANCEL - SEE	103	428	102				Continuity Tests (Coaxial Cord or Plugs)
A204.103.12 CANCEL - SEE	103	428	103				Continuity Tests (Two Center Conductors Individually Shielded and Equipped with 379A Plugs)
A 204.103.13 CANCEL - SEE	103	428	104				J64001AR, 1AR Patch Cord Test Set - Continuity Test (Two Center Conductor Cords with a Common Shield and Equipped with KS-14323 Plugs)
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ISSUE - CODE							
SECTION NO.	ATT	PWB	W-I	CODE	0	CODE	SUBJECT
A204. 100 APPARATUS (CONTINUED)							
A204.103.14	CANCEL - SEE	103-428	105				Short Tests
A204.104	CANCEL - SEE	032-171	501				Varistors - Transmission Loss Using the 12DB Pad
A204.105	CANCEL - SEE	032-170	501				Resistance Test of Click Reducing Varistors in Operator's Telephone Circuits
Add. A204.107							Electrolytic Capacitors
A204.107	CANCEL - SEE	032-110	501				
A204. 200 TOOLS AND GAUGES							
A204.201	CANCEL - SEE	085-740	501				Dry Battery Gauges No. 35 and No. 36
A204.215	CANCEL - SEE	075-190	501				Electric Soldering Coppers
A204. 400)							
A204. 500) CIRCUIT EQUIPMENT							
A204.401	CANCEL - SEE	032-500	501				Resistance Lamps
→ A204.402				CANCELLED			Alarm Pilot and Signal Lamps
→ A204.404	CANCEL - SEE	201-712	501				Idle Trunk Indicating and Group Busy Lamp Circuits
A204.406				CANCELLED			Measurement of 20 and 135-Cycle Signaling Voltages - Using Test Set SD-63674-01 or SD-64125-01
→ A204.411	CANCEL - SEE	201-601	501				Emergency Alarm System - Separate Incoming Alarm from Distant Office -
→ A204.412	CANCEL - SEE	201-601	502				Arranged for Automatic Fire Detection - Single Zone
→ A204.413	CANCEL - SEE	201-601	503				Arranged for Zone Indicating Lamps and Automatic Fire Detection - Multi-Zone
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FNB	W-I	CODE	0	CODE	SUBJECT
A204. 400) A204. 500) CIRCUIT EQUIPMENT (CONTINUED)							
A204.414	CANCEL - SEE	201-601	504				Emergency Alarm System - Arranged for Code Signaling and Automatic Fire Detection
A204.415	CANCEL - SEE	201-603	501				Fire Drill Alarm
A204.416	CANCEL - SEE	201-651	501				Operation Test of Lines Arranged for Manual Completion of Emergency Calls- Dial Offices
A204.417	CANCEL - SEE	201-650	501				Line or Trunk Transfer Circuit for Restoring Service on an Emergency Basis SD-95690-01
A204.418	CANCEL - SEE	201-615	501				Alarm Receiving Circuits - SD-95418-01
A204.419	CANCEL - SEE	201-605	501				Major Audible Alarm Circuit SD-95798-01 Arranged for Coded Signaling - Miscellaneous Tests
A204.423	CANCEL - SEE	201-652	501				Emergency Line Circuit - SD-95336-01
A204.424	CANCEL - SEE	226-819	500				Emergency Transfer Circuit per SD-96425-01 - To Provide Emergency Manual Service for Dial Subscriber - Step-by-Step, Panel, and No. 1 Cross-bar Offices
Add. A204.426 A204.426	CANCEL - SEE	102-172	501				Subscriber Line Rapid Insulation Test Using Electronic Type Test Set H-297-421, (ST-627579) with Sleeve Supervision Nos. 1, 1C, 1D, 1I, Manual, Panel and Step-by-Step Offices
A204.428	CANCEL - SEE	201-607	501				Cable Insulation Alarm Circuit SD-96348-01
A204.430	CANCEL - SEE	201-604	501				Miscellaneous Fuse Alarm Tests
A204.431				CANCELLED			Operation Test - PBX Trunks
A204.432	CANCEL - SEE	211-405	501				Cord Circuit - Using Position Test Circuit SD-68156-01 - No. 5, 5C or 5D Switchboard
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COMPANY or AREA						
ISSUE - CODE						
SECTION NO.	ATT	PNB	M-I	CODE		CODE
CIRCUIT EQUIPMENT (CONTINUED)						
A204.400) A204.500)						
A204.433	CANCEL - SEE	211-402-501				Operator Telephone Circuit - Using Position Test Circuit SD-68156-01 - No. 5, 5C or 5D Switchboard
A204.434	CANCEL - SEE	211-403-501				Position and Key Set Circuit - Using Position Test Circuit SD-68156-01 - No. 5, 5C or 5D Switchboard
Add. A204-436 A204-436	CANCEL - SEE	212-720-501, 216-813-501, 218-772-501, 220-535-501, & 227-400-500				Master Timing Circuit SD-25633-01
A204.437	CANCEL - SEE	212-750-501, 216-809-501, 218-774-501, 220-506-501, & 227-450-500				Call Identity Indexer Circuit SD-25621-01
→ A204.438.00	CANCEL - SEE	660-450-501				Circuit Order or Trunk Order Tests - Intertoll Trunks - Testing Methods
→ A204.438.01	CANCEL - SEE	660-450-502				Circuit Order or Trunk Order Tests - Testing Methods - Measurement of Office Wiring and Equipment Losses - 2-Wire Toll Switching Offices
→ A204.438.02	CANCEL - SEE	660-450-503				Circuit Order or Trunk Order Tests - Testing Methods - Measurement of Office Wiring and Equipment Losses - 4-Wire Toll Switching Offices
→ A204.438.03	CANCEL - SEE	660-450-504				Circuit Order or Trunk Order Tests - Testing Methods - Adjustment of Transmission Levels on Combination Trunks - Intermediate Offices
→ A204.438.04	CANCEL - SEE	660-450-505				Circuit Order or Trunk Order Tests - Testing Methods - Channel Net Gain and Frequency Response Characteristics
A204.443	CANCEL - SEE	201-810-501				Personal Signaling System No. 1A - Tests of J1 Terminal Switching Circuits
A204.444	CANCEL - SEE	201-810-502				Personal Signaling System No. 1A - Transmitter Control and Tone Supply Bay (J99281S)
Add. A204.446 A204.446	CANCEL - SEE	179-604-501				Multi-Frequency Pulsing Supply J98608
Add. A204.447 A204.447	CANCEL - SEE	179-602-501				Multi-Frequency Current Supply and Distribution Circuit SD-95391-01
A204.448	CANCEL - SEE	179-612-501				Multi-Frequency Signaling Receiver Circuits - Filament Alarm and Emergency Transfer Circuit Tests

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SECTION NO.	COMPANY or AREA						SUBJECT
	ISSUE - CODE						
	ATT	PNB	W-I	CODE	O	CODE	
A204.400)							
A204.500)							
CIRCUIT EQUIPMENT (CONTINUED)							
Add. A204.449							
A204.449	CANCEL - SEE	179	603	501			Multi-Frequency Signal Generator SD-95867-01 Common Systems
→ A204.451	CANCEL - SEE	201	505	501			Desk Circuits - Time of Day Service
→ A204.452	CANCEL - SEE	201	505	503			Outgoing Distributing Circuits - Time of Day Service - Announcement Desk No. 1 and Intermediate Offices
→ Add. A204.453							
A204.453	CANCEL - SEE	201	505	502			Incoming Distributing Circuits - Time of Day Service
→ A204.455	CANCEL - SEE	201	505	504			Announcement Trunk Circuits - Time of Day Service
→ A204.457	CANCEL - SEE	201	509	501			No. 4A Announcement System - Dis- tributing and Alarm Circuits
→ A204.458	CANCEL - SEE	201	509	502			- Time of Day Service Trunks



COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
A204.400)							
A204.500) CIRCUIT EQUIPMENT (CONTINUED)							
A204.459	CANCEL - SEE	201	511	501			No. 5A Announcement System - Amplifiers and Alarms No. 4-Type Toll Switching Systems and Crossbar Tandem Offices
A204.460	CANCEL - SEE	030	111	501			Measurement of Timing Intervals - Using the S1 Timer
A204.461	CANCEL - SEE	163	653	501			Condenser Timed Relay Interrupters
A204.464	CANCEL - SEE	212	503	501 & 220-460	501		Automatic Transmission Test and Control Circuit and Associated Amplifiers and Amplifier-Rectifier - Tests
A204.464.2		A	A	A3,E12	NS		Manual Two-Way Transmission Measurement and Noise Check Using Code 104 Far-End Equipment
A204.465	CANCEL - SEE	103	212	501			Transmission Tests - Using No. 12 Type Transmission Measuring Set or Set per SD-91016-01 (J94020A) - Local and Toll Manual Offices
A204.470.1	CANCEL - SEE	024	120	500			KS-16575 Amplifier (McIntosh)
A204.472	CANCEL - SEE	210	306	501			Incoming Information or Intercepting Trunks with or without Machine Announcements - E and M Leads Signaling - Using Trunk Test Circuit SD-96478-01 (J94729B)
A204.473	CANCEL - SEE	201	501	501			Control and Distributing Circuit - Subscriber Operated Time Announcement Service
Add. A204.474.00	CANCEL - SEE	103	335	500	PN		Milliwatt Distributing Systems and Test Lines
A204.474.00	CANCEL - SEE	103	335	500			
Add. A204.474.01							Chart 1: Adjusting the Distributing Resistors in the 600-Ohm Outlet and Test Line Circuits to Compensate for Office Wiring Loss
A204.474.01	CANCEL - SEE	103	335	501			
A204.474.02	CANCEL - SEE	103	335	502			Chart 2: Adjusting the Distributing Resistors in the 900-Ohm Outlet and Test Line Circuits to Compensate for Office Wiring Loss
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SECTION NO.	COMPANY or AREA						SUBJECT	
	ISSUE - CODE							
	ATT	PTB	W-I	CODE	0	CODE		
A204.400) A204.500)	CIRCUIT EQUIPMENT (CONTINUED)							
Add. A204.474.03							Chart 3: Check of Need for Modifying Terminating Resistors	
A204.474.03 CANCEL - SEE				103-335-503				
Add. A204.474.04							Chart 4: Check of Test Line for No. 1 Crossbar Reached by 4 Digit Number	
A204.474.04 CANCEL - SEE				103-335-504				
Add. A204.474.05							Chart 5: Check of Test Line for No.5 Crossbar Reached by 4 Digit Number (SD-96000-01, Figs. 23 and 0)	
A204.474.05 CANCEL - SEE				103-335-505				
Add. A204.474.06							Chart 6: Check of Test Line for Panel and Step-by-Step Reached by 4 Digit Number (SD-96000-01, Fig. 23)	
A204.474.06 CANCEL - SEE				103-335-506				
Add. A204.474.06								
A204.474.06 CANCEL - SEE				103-335-506				
Add. A204.474.07							Chart 7: Check of Test Line for No. 5 Crossbar Reached by 3 Digit Number	
A204.474.07 CANCEL - SEE				103-335-507				
Add. A204.474.08							Chart 8: Check of Test Line - Crossbar Tandem or Step-by-Step Intertoll or Tandem - Reached by 3 Digit Code	
A204.474.08 CANCEL - SEE				103-335-508				
A204.474.09 CANCEL - SEE				103-335-509			Chart 9: Check of Test Line - No. 4-Type Crossbar Reached by 3 Digit Code	
Add. A204.474.10							Chart 10: Check at Manual Switchboard	
A204.474.10 CANCEL - SEE				103-335-510				
A204.474.11 CANCEL - SEE				103-335-511			Chart 11: Check of IMW Sending Appearance at 17C Testboard	
Add. A204.474.12							Chart 12: Check of Jack-Ended Sending Appearances	
A204.474.12 CANCEL - SEE				103-335-512				
A204.474.13 CANCEL - SEE				103-335-513			Chart 13: Adjustment of 600- and 900- Ohm Outlets and Test Lines Equipped with the KS-16744, List 1 Distributing Network	
A204.475 CANCEL - SEE				201-501-502			Announcement Trunk Circuits - Subscriber Operated Time Announcement Service	
A204.476 CANCEL - SEE				201-580-501			No-Such-Number Tone Supply - Common Systems	

COMPANY or AREA						
SECTION NO.	ISSUE - CODE					
	ATT	PTB	W-I	CODE	0	CODE
SUBJECT						
A204. 400)						
A204. 500) CIRCUIT EQUIPMENT (CONTINUED)						
A204.477	CANCEL	- SEE	210-307-501			Incoming 3-Wire Intercepting Trunks from Step-by-Step and Community Dial Offices Trunk Finders to DSA Switchboards, Toll Switchboards, or Operating Room Desks Arranged for Machine Announcements
→ A204.478	CANCEL	- SEE	201-513-502			Distributing and Alarm Circuit 6A Announcement System Machine Intercepting
→ A204.479	CANCEL	- SEE	201-513-501			Control Circuit 6A Announcement System Machine Intercepting
A204.480.01	CANCEL	- SEE	024-150-501			Transmission Tests - L1 Amplifier - KS-16508
A204.480.02	CANCEL	- SEE	024-150-502			- KS 16547
A204.480.03	CANCEL	- SEE	024-150-503			- KS-16608 and KS-16610
A204.480.04	CANCEL	- SEE	024-150-504			- KS-16617
Add. A204.487	CANCEL	- SEE	024-102-500			106A Amplifiers
A204.487						
Add. A204.488	CANCEL	- SEE	024-106-500			142 Type Amplifier
A204.488						
A204.489	CANCEL	- SEE	024-107-500			143 Type Amplifier
A204.490	CANCEL	- SEE	024-121-500			A-120 Amplifier - (McIntosh)
A204.491	CANCEL	- SEE	024-104-501			103 and 124 Type Amplifiers
A204.492	CANCEL	- SEE	024-105-500			140-Type Amplifier
A204.493	CANCEL	- SEE	024-175-500			KS-16831, L1, L2, L3 Amplifier Tests and Adjustments
A204.495.01	CANCEL	- SEE	332-104-501			227-Type Amplifiers - Tests and Adjustments
A204.496.50	CANCEL	- SEE	332-200-500			E-Type Telephone Repeaters - General Information on Tests and Inspections
A204.496.51	CANCEL	- SEE	332-200-501			- Electron Tubes - Visual Checks Measurements and Adjustments of Applied Voltages
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PWB	W-I	CODE	Q	CODE	SUBJECT
A204.400)							
A204.500) CIRCUIT EQUIPMENT (CONTINUED)							
A204.496.52	CANCEL	- SEE	332-200-502				- Monitoring Tests
A204.496.53	CANCEL	- SEE	332-200-503				- Effective Gain - Method A - Using E-Repeater Test Set and Test Oscillator
A204.496.54	CANCEL	- SEE	332-200-504				- Effective Gain - Method B - Using E-Repeater Test Set and Noise Generator
A204.496.55	CANCEL	- SEE	332-200-505				- Effective Gain - Method C - Using 2G Repeater Test Set and Test Oscillator
A204.496.56	CANCEL	- SEE	332-200-506				- Effective Gain - Method D - Using 2G Repeater Test Set and Noise Generator
A204.496.57	CANCEL	- SEE	332-200-509				- Circuit Net Loss - Method A - Using a Test Oscillator
A204.496.58	CANCEL	- SEE	332-200-510				- Circuit Net Loss - Method B - Using a Noise Generator
A204.496.59	CANCEL	- SEE	332-200-511				- Gain Tests for Repeater in a Standard 600-Ohm Circuit - Method A - Using the E-Repeater Test Set
A204.496.60	CANCEL	- SEE	332-200-512				- Gain Tests for Repeater in a Standard 600-Ohm Circuit - Method B - Using the 2G Repeater Test Set
A204.496.61	CANCEL	- SEE	332-200-507				- Effective Gain - Method E - Measurements of Gain Peaks and Valleys - Using E-Repeater Test Set
A204.496.62	CANCEL	- SEE	332-200-508				- Effective Gain - Method F - Measurements of Gain Peaks and Valleys - Using 2G Repeater Test Set
A204.497	CANCEL	- SEE	024-130-500				Transmission Tests on KS-16740, L2 Amplifier - (ALTEC 437B)
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PMB	W-I	CODE	O	CODE	SUBJECT
A204.400)							
A204.500) CIRCUIT EQUIPMENT (CONTINUED)							
Add. A204.498	CANCEL - SEE	332-206	100				E6 Repeater
Add. A204.498							E6 Repeater
A204.498	CANCEL - SEE	332-206	100				
A204.499	CANCEL - SEE	024-125	500				Transmission Tests on KS-16622, L1 Amplifier
A204.503	CANCEL - SEE	201-507	501				Control Volume Limit Indicator and Tape Amplifier Circuits - No. 3A Announcement System
A204.504	CANCEL - SEE	201-507	502				Control Circuit - Subcenter - No. 3A Announcement System
A204.505	CANCEL - SEE	201-507	503				Trunk Circuits and Associated Distributing Circuits - No. 3A Announcement System
A204.508	CANCEL - SEE	067-105	501				Line Concentrator No. 1A - Tests and Inspections at Time of Installation
A204.509	CANCEL - SEE	067-105	502				- Systems Tests
Add. A204.511	CANCEL - SEE	024-109	500				Voice Controlled Gain Amplifier - Using Amplifier Test Set Circuit
Add. A204.513	CANCEL - SEE	227-535	500	FOR A1,14	E13		Automatic Number Identification - Outpulser - Identifier Test Circuit
A204.513	CANCEL - SEE	227-535	500	FOR A1,14	E13		- Miscellaneous Tests
SEE 215-613-501 FOR				A8			
SEE 216-913-501 FOR				A6			
Add. A204.514	CANCEL - SEE	227-555	500	FOR A1,14	E13		- Trouble Ticketer Circuit - Tests Using Outpulser - Identifier Test Circuit SD-95815-01 and Automatic Trunk Test Circuit SD-32315-01 or SD-95889-01
A204.514	CANCEL - SEE	227-555	500	FOR A1,14	E13		
SEE 215-603-501 FOR				A8			
SEE 216-903-501 FOR				A6			
Add. A204.515							- Outpulser Circuit Tests Using Outpulser - Identifier Test Circuit SD-95815-01
A204.515	CANCEL - SEE	227-545	500	FOR A1,14	E13		
SEE 215-605-501 FOR				A8			
SEE 216-905-501 FOR				A6			
A204.516	CANCEL - SEE	227-545	501	FOR A1,14	E13		- Outpulser Circuits - Miscellaneous Tests
SEE 215-605-502 FOR				A8			
SEE 216-905-502 FOR				A6			
A204.517	CANCEL - SEE	227-540	500	FOR A1,14	E13		- Outpulser Connector Circuit - Miscellaneous Tests
SEE 215-606-501 FOR				A8			
SEE 216-906-501 FOR				A6			
A204.518	CANCEL - SEE	227-530	500	FOR A1,14	E13		- Identifier Circuits - Tests Using the Outpulser - Identifier Test Circuit
SEE 215-607-501 FOR				A8			
SEE 216-907-501 FOR				A6			
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	ATT	PNE	W-I	CODE		CODE	
A204.400)							
A204.500) CIRCUIT EQUIPMENT (CONTINUED)							
A204.519 CANCEL - SEE 227-565-500 FOR A1,14, SEE 215-608-501 FOR SEE 216-908-501 FOR				A8 A6			Automatic Number Identification Oscillator Circuits - Functional Tests - No. 1 and 350A Step-by-Step, 355A CDO, Panel and No. 1 Crossbar Offices
→ Add. A204.520.00				CANCELLED			
→ A204.520.00 CANCEL - SEE 660-470-500							Methods of Making Terminal Balance Tests - Toll Switching Offices - General
→ A204.520.01 CANCEL - SEE 660-470-501							Terminal Balance Tests in Crossbar Tandem Offices
→ Add. A204.520.02 CANCEL - SEE 660-470-502							
→ A204.520.02 CANCEL - SEE 660-470-502							Terminal Balance Tests - No. 5 Crossbar Toll Switching Offices
→ A204.520.03 CANCEL - SEE 660-470-503							Terminal Balance Tests Step-by-Step Toll Switching
→ A204.520.04 CANCEL - SEE 660-470-504							Terminal Balance Tests - No. 4 Type Crossbar Toll Switching Offices
A204.520.05	1	1	NS				Terminal Balance Tests - Manual Toll Switching Offices
A204.521 CANCEL - SEE 201-825-501							Private Line Conference Circuits with or without Amplifiers
A204.522 CANCEL - SEE 201-825-502							Private Line Conference Circuit - SD-96391-01 - Transmission Tests
A204.523 CANCEL - SEE 201-305-501							Civil Air Defense Warning Systems - System Dialing and Pulsing Tests - Branch Circuit Dialing Test
A204.524 CANCEL - SEE 201-307-501							- Station Line Test - Using Test Circuit SD-95746-01
A204.525 CANCEL - SEE 201-301-501							- SD-95332-01
A204.526 CANCEL - SEE 201-304-501							- Dial Pulse Receiving and Code Distributing Circuit SD-95678-01 Maximum 200 Lines and Public Sig- nal Control Circuit SD-95688-01
A204.527 CANCEL - SEE 201-302-501							- Dial Pulse Receiving and Control Circuit SD-95685-01 Maximum Five Lines and Public Signal Control Circuit SD-95688-01
A204.529 CANCEL - SEE 201-306-501							- Two Way Signaling Repeaters

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A204.400) CIRCUIT EQUIPMENT (CONTINUED)							
A204.500)							
A204.530	CANCEL - SEE	201	303	501			- Dial Pulse Receiving and Control Circuit SD-95743-01 Maximum Eight Lines and Public Signal Control Circuit SD-95688-01
A204.532	CANCEL - SEE	9	DIGIT DIV.	310			Special Multi-Point Private Line Telephone Circuits
Add. A204.533	CANCEL - SEE	067	103	502			Line Concentrator-Identifier System Applied to Telephone Secretarial Ser- vice
A204.533							
A204.534	CANCEL - SEE	9	DIGIT DIV.	310			Anti-Aircraft Operations Control System for Defended Cities and Strategic Areas
Add. A204.535							Dial Tone Speed Register and Dial Tone Speed Indicating Circuits
A204.535	CANCEL - SEE	226	812	500	FOR A1,5,E18		
SEE 215-188-501 FOR					A8		
SEE 216-772-501 FOR					A6		
A204.536	CANCEL - SEE	201	405	501			KS-15947 Totalizer Circuit SD-95965-01 - Tests Using KS-15946 Test Set SD-96568-01
Add. A204.537							Traffic Usage Recorder SD-95738-01
A204.537	CANCEL - SEE	201	414	501			
A204.538	CANCEL - SEE	201	410	501			No. 1 Portable Traffic Usage Recorder - Miscellaneous Tests
A204.539	CANCEL - SEE	201	401	501			Concentrator Trunk Usage Recorder SD-96549-01 - Miscellaneous Tests
A204.540		1	NS				MF Key Set Circuit - Nos. 1, 1C, 1D, 10, 11 and 12 Switchboards - Manual Offices
Add. A204.541							- Nos. 13C, 13D, 14C, 15C and 15D Switchboards - Output Level 0 DBM per Frequency - Panel, Cross- bar and Step-by-Step Systems
A204.541	CANCEL - SEE	201	715	501			
A204.542	CANCEL - SEE	201	715	502			- Nos. 13C, 13D, 14C, 15C and 15D Switchboards - Output Level - 3 DBM per Frequency - Panel, Cross- bar, and Step-by-Step Systems
A204.543	CANCEL - SEE	201	705	501			Key Monitoring Circuit SD-96314-01 - MF or DC Key Pulsing - DSA, Toll and CAMA Switchboards
A204.544	CANCEL - SEE	201	702	501			Operator Training Circuit - CAMA Training Equipment
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A204.400)							
A204.500)	CIRCUIT EQUIPMENT (CONTINUED)						
A204.545	CANCEL - SEE	201-701-501					Operator Key Pulsing Drill Circuit
Add. A204.547							
A204.547	CANCEL - SEE	226-846-500					DC Key Pulsing Senders Arranged to Transmit Dial Pulses Using Manual Test Circuit SD-90635-01 - No. 1 and No. 3 Type Toll Switchboards and No. 15C Switchboard
Add. A204.549							
A204.549	CANCEL - SEE	226-844-500					MF Key Pulsing Senders Arranged to Transmit Dial Pulses Using Manual Test Circuit SD-95400-01 - No. 1 and No. 3 Type Toll Switchboards and No. 15C Switchboard
A204.550	CANCEL - SEE	067-302-501					Line Concentrator - Associated with 520 Type PBX Operating Tests - Using Test Circuit SD-98067-01 - Emergency Reporting System
A204.551	CANCEL - SEE	067-302-502					Line Concentrator Controller Circuit Associated with 520 Type PBX - Misc. Tests - Using Test Circuit SD-98067-01 Emergency Reporting System
A204.552	CANCEL - SEE	067-302-503					Outgoing Trunk Circuits - Associated with 520-Type PBX - Concentrator System - Emergency Reporting System
A204.553	CANCEL - SEE	067-303-501					LL Circuits - Associated with 520-Type PBX Emergency Reporting System
A204.554	CANCEL - SEE	067-304-501					Selective Routing Circuits - Used with Direct Lines Associated with 520-Type PBX - Emergency Reporting System
→ A204.556	CANCEL - SEE	660-625-500					First Attempt Verbal Trouble Reporting Plan - Test of Reporting Trunks and Associated Equipment
A204.557	CANCEL - SEE	179-328-501					2600-Cycle ELL Single-Frequency Signaling Circuit - Out-of-Service Tests Using Testing Circuit SD-96519-01
Add. A204.558							
A204.558	CANCEL - SEE	179-330-501					2600-Cycle ELS Single-Frequency Signaling Circuit Out-of-Service Tests Using Testing Circuit SD-96519-01
A204.559	CANCEL - SEE	103-343-501					24B Loop Checker Generator - Tests
A204.560	CANCEL - SEE	218-745-501	FOR A5, 220-160-505	FOR A4, A7			Continuity and Polarity Test of Outgoing Trunks at Outgoing Trunk Test Frames - Using Test Circuit SD-96370-01
	SEE	215-161-501	FOR	A8			
	SEE	216-383-501	FOR	A6			
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A204.400)								
A204.500) CIRCUIT EQUIPMENT (CONTINUED)								
ADD.	A204.561	CANCEL	- SEE	216-160-507	FOR A4,A7			Outgoing Trunks - Using Outgoing Trunk Test Frame SD-25177-01
	A204.561							
	SEE 216-383-503	FOR			A6			ELL-A Auxiliary Signaling Circuit - Out-of-Service Tests Using Testing Circuit SD-96519-01
	A204.563	CANCEL	- SEE	179-328-502				ELS-A Auxiliary Signaling Circuit - Out-of-Service Tests Using Testing Circuit SD-96519-01
	A204.564	CANCEL	- SEE	179-330-502				240 Loop Checker Generator - J94024C - Tests
→	A204.565	CANCEL	- SEE	103-344-501				Coin Zone Operator Trunk Circuit SD-95851-01 Using Trunk Test Circuit SD-95875-01
	A204.566	CANCEL	- SEE	201-720-501				KS-16534 Recorder - Reproducer and Associated Audio Facilities - Alarm and Automatic Transfer Tests
	A204.567	CANCEL	- SEE	034-353-501				2600-Cycle E1A Single-Frequency Signaling Circuit - Out-of-Service Tests Using Testing Circuit SD-96519-01
	A204.568	CANCEL	- SEE	179-318-502				- Out-of-Service Tests Using Testing Circuit SD-56335-01 and SD-95874-01
	A204.569	CANCEL	- SEE	179-318-501				E1A 2600-Cycle Signaling and 4-Wire Terminating Circuit (SD-96499-01) - Out-of-Service Tests Using Portable Test Stand (SD-96533-01)
	A204.572	CANCEL	- SEE	179-318-503				2600-Cycle E1C Single Frequency Signaling Circuits - Out-of-Service Tests Using Testing Circuits (SD-95874-01 and SD-56335-01) Common Systems
	A204.574	CANCEL	- SEE	179-320-501				2600-Cycle E1D Single Frequency Signaling Circuits - Out-of-Service Tests Using Testing Circuits (SD-95874-01 and SD-56335-01) Common Systems
	A204.576	CANCEL	- SEE	179-322-501				2600-Cycle E1E Single Frequency Signaling Circuit SD-98088-01 - In-Service Tests Using Testing and Monitoring Circuit SD-96519-01 - Common Systems
	A204.577	CANCEL	- SEE	179-324-502				2600-Cycle E1E Single Frequency Signaling Circuits (SD-98088-01) Out-of-Service Tests Using Testing Circuit (SD-96519-01) - Common Systems
ADD.	A204.578							2600-Cycle E1F Single Frequency Signaling Circuit SD-98098-01 In-Service Tests Using Testing and Monitoring Circuit SD-96519-01 - Common Systems
	A204.578	CANCEL	- SEE	179-324-501				
	A204.579	CANCEL	- SEE	179-326-502				

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A204.400)						
A204.500) CIRCUIT EQUIPMENT (CONTINUED)						
Add. A204.580						
A204.580	CANCEL - SEE	179	326	501		2600-Cycle ELF Single Frequency Signaling Circuits (SD-98089-01) Out-of-Service Tests Using Testing Circuit (SD-96519-01) - Common Systems
A204.581	CANCEL - SEE	179	314	501		2400- or 2600-Cycle E1B or E2B Single Frequency Signaling Circuits SD-98085-01 or SD-98090-01 In-Service Tests Using Monitoring Circuit SD-95877-01 - Common Systems
Add. A204.582						- Out of Service Tests Using Testing Circuit (SD-56335-01) Common Systems
A204.582	CANCEL - SEE	179	316	501		
A204.583	CANCEL - SEE	179	314	502		2400- or 2600-Cycle E1A, E1B, E2B, and E3B Single Frequency Signaling Circuits - In-Service Tests - Using Portable Test Stand - SD-96533-01
A204.584	CANCEL - SEE	179	316	503		2400- or 2600-Cycle Signaling Circuits - E1B, E2B, or E3B Type - Out-of-Service Tests - Using Portable Test Stand SD-96533-01
Add. A204.586.01	CANCEL - SEE 9	DIGIT	DIV.	310		Trouble and Over-All Transmission Tests on Two Wire Television - Polling Channels
A204.586.01						
Add. A204.586.02	CANCEL - SEE 9	DIGIT	DIV.	310		- Four Wire Television - Polling Circuits
A204.586.02						
Add. A204.587						2600-Cycle E1C Single Frequency Signaling Circuit - Out-of-Service Tests - Using Test Circuit SD-96519-01
A204.587	CANCEL - SEE	179	320	502		
Add. A204.588						2600-Cycle E1D Single Frequency Signaling Circuit - Out-of-Service Tests - Using Test Circuit SD-96519-01
A204.588	CANCEL - SEE	179	322	502		
A204.589	CANCEL - SEE	179	305	501		2400- or 2600-Cycle Supply Circuit (SD-98092-01) - 2000-Cycle Supply Circuit (SD-98081-01) - Load Transfer Circuit (SD-98089-01)
A204.591.0	CANCEL - SEE	320	145	500		Equalization of 5, 8 and 15KC Local Program and Wired Music Circuits - General Information
A204.591.1	CANCEL - SEE	320	145	501		- Test Equipment
A204.591.2	CANCEL - SEE	320	145	502		Pre-Equalization Tests on 5, 8 and 15KC Local Program and Wired Music Circuits
A204.591.3	CANCEL - SEE	320	145	503		Equalization of 5KC or 8KC Local Program and Wired Music Circuits
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A204.400) A204.500) CIRCUIT EQUIPMENT (CONTINUED)						
Add. A204.591.4 A204.591.4 CANCEL - SEE 320-145-504						Equalization of 15KC Local Program Circuits
Add. A204.593 A204.593 CANCEL - SEE 179-316-502						2400- or 2600-Cycle E1B, E2B, or E3B Single Frequency Signaling Circuit Out-of-Service Tests Using Test Circuit SD-96519-01
→ A204.594.01 CANCEL - SEE 660-403-300						Message Circuit Noise Measurements - Test Classifications and Intervals - Message Trunks
A204.595 CANCEL - SEE 20 -645-501						Group Alerting System (J95421)
A204.596 CANCEL - SEE 314-715-504						Tone-Operated Control Circuit (SD-56524-01) Out-of Service Tests
A204.597 CANCEL - SEE 9 DIGIT DIV. 310						SS1 Selective Signaling System - Pulsing, Counting and Interdigital Control Circuit
A204.598 CANCEL - SEE 9 DIGIT DIV. 310						SS1 Selective Signaling System - Over-All Test
→ A204.599 CANCEL - SEE 660-402-300						Transmission Maintenance - 1000-Cycle Transmission Loss Measurements on Message Trunks
A204.600 AUXILIARY EQUIPMENT						
Add. A204.610 CANCEL - SEE 075-141-501 A204.610						Linemen's Rubber Gloves
A204.710 CANCEL - SEE 179-121-501						Loop Signaling Converter Originating Line, SD-98130-01 Data System
A204.711 CANCEL - SEE 179-122-501						Terminating Line, SD-98131-01 Data System
A206. FURNITURE, FIXTURES AND BUILDING ITEMS PERTAINING TO EQUIPMENT						
Add. A206.001 CANCEL - SEE 065-100-501 A206.001						Operator and Service Assistant Chairs
Add. A206.005 CANCEL - SEE 065-105-501 A206.005						Ladders and Ladder Seats
A206.005.1						Ladder Blocks and Ladder Warning Signs
A206.050 CANCEL - SEE 065-110-501						Extension Lamps and Cords
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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A207

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SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A207. CARRIER TELEPHONE SYSTEMS							
A207.000)							
A207.020) M TYPE							
A207.002	2	2	NS		2	A3	M1C1 Common Terminal - M1 Carrier Telephone System
A207.003	1	NS					M1S2 Multi-Subscriber Terminal M1 Carrier Telephone System
A207.030 N1 CARRIER TYPE							
A207.034.00 Through A207.034.86							See Cross Reference List - Plant Series Section 200-020-001
A207.040 N. O. AND ON TYPES							
A207.043.00				CANCELLED			Servicing Center Tests Using 2T Maintenance Test Set (J94002T) - N1 Carrier-Channel Units, Group Equipment and Repeaters
A207.043.01				CANCELLED			N1 Carrier - J98703FA Channel Unit - Compressor Sub-Assembly Tests
A207.043.02				CANCELLED			- J98073F Channel Unit - Carrier Frequency Sub-Assembly Tests
A207.043.03				CANCELLED			- J98073FA Carrier Frequency Sub-Assembly Tests
A207.043.04				CANCELLED			- Expander - Signaling Sub-Assembly Tests - J98073F Channel Unit
A207.043.05				CANCELLED			- Expander - Signaling Sub-Assembly Tests - J98073FA Channel Unit
A207.043.06				CANCELLED			- Expander without Signaling Sub-Assembly Tests
A207.043.07				CANCELLED			- J98073F and J98073FA Channel Units - Over-All Tests
A207.043.21				CANCELLED			- J98703G High Group Transmitter - Over-All Tests
A207.043.22				CANCELLED			- J98703H Low Group Transmitter - Over-All Tests
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A207.040 N. O. AND ON TYPES (CONTINUED)							
A207.043.23				CANCELLED			- J98703J High Group Receiver - Over-All Tests
A207.043.24				CANCELLED			- J98703K Low Group Receiver - Over-All Tests
A207.043.31				CANCELLED			- J98703L and J98703LA - High-Low Repeaters - Over-All Tests
A207.043.32				CANCELLED			- J98703M and J98703MA Low-High Repeaters - Over-All Tests
A207.044.00 Through A207.044.45							See Cross Reference List - Plant Series Section 200-020-001
→ A207.045.00	CANCEL	SEE	361-001	500			Servicing Center Test Using 5U(J98705U) Test Set - Type N, O and ON Carrier Systems - General
→ A207.045.01	CANCEL	SEE	361-150	500			- Channel Unit - Type N, O and ON Carrier Systems - Compressor Sub- Assembly Tests
→ A207.045.02	CANCEL	SEE	361-122	500			- J98705D Message and J98705AF Thru Channel Unit - O Carrier System - Carrier Frequency Sub-Assembly Tests
→ Add. A207.045.03							- J98703F Channel Unit - N Carrier System - Carrier Frequency Sub- Assembly Tests
→ A207.045.03	CANCEL	SEE	361-120	500			
→ Add. A207.045.04							- J98703FA Message, J98703TA Pro- gram, J98703AH Thru Channel Units - N Carrier System - Carrier Frequency Sub-Assembly Tests
→ A207.045.04	CANCEL	SEE	361-121	500			
→ A207.045.05	CANCEL	SEE	361-140	500			- Channel Unit - N and O Carrier Systems - Expander-Signaling Sub- Assembly Tests
→ A207.045.06	CANCEL	SEE	361-100	500			- Channel Unit - N Carrier System - Over-All Test of J98703F and J98703FA Channel Unit
→ A207.045.07	CANCEL	SEE	361-101	500			- Channel Unit - O and ON Carrier Sys- tems - Over-All Test of J98705D Channel Unit

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A207.040 N. O. AND ON TYPES (CONTINUED)							
→ A207.045.03	CANCEL	- SEE	361-130	500			- Thru Channel Unit - N and O Carrier Systems - Voice Frequency Sub-Assembly Tests
→ A207.045.09	CANCEL	- SEE	361-102	500			- Thru Channel Unit - N and O Carrier Systems - Over-All Test of J98703AH and J98705AF Thru Channel Unit
→ A207.045.10	CANCEL	- SEE	361-300	500			- J98703L, LA, M, MA Repeaters - N Carrier System - Over-All Tests
→ A207.045.11	CANCEL	- SEE	361-205	500			- J98703H Low Group Transmitter N Carrier System - Over-All Tests
→ A207.045.12	CANCEL	- SEE	361-206	500			- J98703G High Group Transmitter - N Carrier System - Over-All Tests
→ A207.045.13	CANCEL	- SEE	361-210	500			- J98703K Low Group Receiver - N Carrier System - Over-All Tests
→ A207.045.14	CANCEL	- SEE	361-211	500			- Over-All Test of J98703F and J98703FA Channel Unit
→ A207.045.15	CANCEL	- SEE	361-212	500			- J98705AA Group Receiving Circuit - OA and ON Carrier Systems - Over-All Tests
→ A207.045.16	CANCEL	- SEE	361-207	500			- J98705AB Group Transmitting Circuit - OA and ON Carrier Systems - Over-All Tests
→ A207.045.17	CANCEL	- SEE	361-304	500			- J98705AC Repeater Amplifier Circuit - OA Carrier System - Over-All Tests
→ A207.045.18	CANCEL	- SEE	361-208	500			- J98705F Group Transmitting Circuit - OB, OC, OD and ON Carrier Systems - Over-All Tests
→ A207.045.19	CANCEL	- SEE	361-213	500			- J98705G Group Receiving Circuit and Repeater Amplifier Circuit - OB, OC, OD, and ON Carrier Systems - Over-All Tests

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A207.040 N. O. AND ON TYPES (CONTINUED)							
→ A207.045.20	CANCEL	-	SEE	361-200	500	- J98705H Group Oscillator Circuit - O and ON Carrier Systems - Over-All Tests	
→ A207.045.21	CANCEL	-	SEE	361-305	500	- J98705J and W, Ol Repeater Oscillator and Misc. Oscillator - O and ON Carrier Systems - Over-All Tests	
→ A207.045.22	CANCEL	-	SEE	361-111	500	- J98705E Twin Channel Carrier Circuit - O and ON Carrier Systems - Over-All Tests	
→ Add. A207.045.23	CANCEL	-	SEE	361-302	500	Servicing Center Tests Using 5U (J98705U) Test Set - J9870C, D, E and F Repeaters - ON Carrier System - Over-All Tests	
→ A207.045.23	CANCEL	-	SEE	361-302	500	- J98706C, D, E and F Repeaters - ON Carrier System - Over-All Tests	
→ Add. A207.045.24	CANCEL	-	SEE	361-303	500	Servicing Center Tests Using 5U (J98705U) Test Set - J98706J, K, CA, DA, EA and FA Repeaters - ON Carrier System - Over-All Tests	
→ A207.045.24	CANCEL	-	SEE	361-303	500	- J98706J, K, CA, DA, EA, and FA Repeaters - ON Carrier System - Over-All Tests	
→ A207.045.25	CANCEL	-	SEE	361-131	500	- J98703W Schedule A and B Program Channel Units - N Carrier System - Voice-Frequency Sub-Assembly Test	
→ A207.045.26	CANCEL	-	SEE	361-123	500	- J98703W Schedule A and B Program Channel Units - N Carrier System - Carrier Frequency Sub-Assembly Test	
→ A207.045.27	CANCEL	-	SEE	361-103	500	- J98703W Schedule A and B Program Channel Units - N Carrier System - Over-All Tests	
→ A207.045.28	CANCEL	-	SEE	361-104	500	- J98703Y Schedule A and B Program Reversing Channel Units - N Carrier System - Over-All Tests	
→ A207.045.29	CANCEL	-	SEE	361-151	500	- J98703TA Schedule C and D Program Channel Units - N Carrier System - Compressor Sub-Assembly Tests	
→ A207.045.30	CANCEL	-	SEE	361-141	500	Service Center Tests Using 5U (J98705U) Test Set - J98703TA Schedule C and D Program Channel Units - N Carrier System - Expander Sub-Assembly Tests	
→ A207.045.31	CANCEL	-	SEE	361-105	500	- J98703TA Schedule C and D Program Channel Units - N Carrier System - Over-All Tests	

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A207.040 N. O. AND ON TYPES (CONTINUED)							
→ A207.045.32	CANCEL	- SEE	361-600-500				- J94002N Group Unit Switching Set - N Carrier System - Over All Tests
→ A207.045.33	CANCEL	- SEE	361-601-500				- J94002M Repeater Switching Set - N Carrier System - Over-All Tests
→ A207.045.34	CANCEL	- SEE	361-400-500				- 529A and B, 530A Through 530H, 530J Through 530L, 530P or 531B, 530R or 531C and 531F Filters - O and ON Carrier Systems - Filter Tests
→ A207.045.35	CANCEL	- SEE	361-500-500				- J98703AC Deviation Regulator - N Carrier System - J98703AD Control Unit Tests
→ A207.045.36	CANCEL	- SEE	361-501-500				- J98703AC Deviation Regulator - N Carrier System - J98703AE Amplifier Unit Tests
→ A207.045.37	CANCEL	- SEE	361-132-500				- J98703AM and J98705AP Special Services Channel Units - N, O and ON Carrier Systems - Voice Frequency Sub-Assembly Tests
→ A207.045.38	CANCEL	- SEE	361-107-500				- J98703AM and J98705AP Special Services Channel Units - N, O and ON Carrier Systems - Over-All Tests
→ A207.045.40	CANCEL	- SEE	361-220-500				- J98709C Transmitting Amplifier Circuit - ON/K Carrier - Over-All Tests
→ A207.045.41	CANCEL	- SEE	361-225-500				- J98709B Receiving Amplifier Circuit - ON/K Carrier - Over-All Tests
→ A207.045.42	CANCEL	- SEE	361-143-500				- J98703AP and J98705AS Channel Unit Without Signaling - N and O Carrier Systems - Expander Sub-Assembly Tests
→ A207.045.43	CANCEL	- SEE	361-108-500				- J98703AP Channel Unit Without Signaling - N Carrier System - Over-All Tests
→ A207.045.44	CANCEL	- SEE	361-110-500				- J98705AS Channel Unit Without Signaling - O Carrier System - Over-All Tests
→ A207.045.45	CANCEL	- SEE	361-109-500				Servicing Center Tests Using 5U (J98705U) Test Set - J98703BP Channel Unit without Signaling - Type N, O, and ON Carrier Systems
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A207.045 O AND ON TYPES (CONTINUED)							
→ A207.045.49 CANCEL - SEE		361	230	500			Servicing Center Tests Using 5U (J98705U) Test Set - J98706AA Receiving Amplifier and Demodulator Unit
→ A207.045.50 CANCEL - SEE		361	231	500			Servicing Center Tests Using 5U (J98705U) Test Set - J98706AB Transmitting Amplifier and Modulator Unit
→ A207.045.51 CANCEL - SEE		361	232	500			Servicing Center Tests - J98706AC Power Supply and Alarm Unit - O and ON Carrier Systems Multiplex Equipment - Over-All Test
→ A207.045.55 CANCEL - SEE		361	152	500			Servicing Center Tests Using 5U (J98705U) Test Set - J98705AT Schedule C and D Program Channel Unit - O and ON Carrier Systems - Compressor Subassembly Tests (Dually numbered with E34.035.55)
→ A207.045.56 CANCEL - SEE		361	142	500			Servicing Center Tests Using 5U (J98705U) Test Set - J98705AT Schedule C and D Program Channel Unit - O and ON Carrier Systems - Expander Subassembly Tests (Dually numbered with E34.035.56)
→ A207.045.57 CANCEL - SEE		361	124	500			Servicing Center Tests Using 5U (J98705U) Test Set - J98705AT Schedule C and D Program Channel Unit - O and ON Carrier Systems - Carrier Frequency Subassembly Tests (Dually numbered with E34.035.57)
→ A207.045.58 CANCEL - SEE		361	106	500			Servicing Center Tests Using 5U (J98705U) Test Set - J98705AT Schedule C and D Program Channel Unit - O and ON Carrier Systems - Over-All Tests (Dually numbered with E34.035.58)
A207.050 O TYPE							
A207.053 Through A207.053.7							See Cross Reference List - Plant Series Section 200-020-001
A207.061.00 Through A207.061.72							See Cross Reference List - Plant Series Section 200-020-001
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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A207.070 PI TYPE							
A207.071				CANCELLED			Pl Carrier Telephone System - Line-Up and Maintenance
A207.071.00 CANCEL - SEE	363	101	100				Adjustments and Maintenance - Central Office and Remote Terminal - General Information and Test Equipment
A207.071.01 CANCEL - SEE	363	101	101				- Preparation for Central Office Terminal
A207.071.02 CANCEL - SEE	363	101	502				- Central Office Terminal Tests - Transmitting
A207.071.03 CANCEL - SEE	363	101	503				- Central Office Terminal Tests - Receiving
A207.071.04 CANCEL - SEE	363	101	504				- Preparation for Remote Terminal
A207.071.05 CANCEL - SEE	363	101	505				- Remote Terminal Tests - Transmitting
A207.071.06 CANCEL - SEE	363	101	506				- Remote Terminal Tests - Receiving
A207.071.07 CANCEL - SEE	363	101	507				- Preparation for Connecting to Line
A207.071.08 CANCEL - SEE	363	101	508				- Abbreviated Adjustment Procedure
A207.071.09 CANCEL - SEE	363	101	509				- How to Locate Trouble
A207.071.20 CANCEL - SEE	363	102	100				- Repeaters - General Information and Test Equipment
A207.071.21 CANCEL - SEE	363	102	501				- Repeaters - Preparation for Repeater and Test Set
A207.071.22 CANCEL - SEE	363	102	502				- Repeaters - Adjustments and Tests High Group
A207.071.23 CANCEL - SEE	363	102	503				- Repeaters - Adjustments and Tests Low Group
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SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A207.070 P1 TYPE (CONTINUED)							
→ A207.071.24	CANCEL	SEE	363-102-504				- Repeaters - Preparation for Connecting to Line
→ A207.071.25	CANCEL	SEE	363-102-505				- Repeaters - Abbreviated Adjustment Procedure
→ A207.071.26	CANCEL	SEE	363-102-506				- Repeaters - How to Locate Trouble
→ A207.071.27	CANCEL	SEE	363-102-507				- P1 Carrier Telephone Systems Adjustments and Maintenance, Repeaters - Field Modification of 800AA Network Line Board and 386A Apparatus
→ A207.071.40	CANCEL	SEE	363-103-100				- System Line-Up and Maintenance General Information and Test Equipment
→ A207.071.41	CANCEL	SEE	363-103-501				- Preparation for System Line-Up
→ A207.071.42	CANCEL	SEE	363-103-502				- Nonrepeatered Systems Line-Up
→ A207.071.43	CANCEL	SEE	363-103-503				- Nonregulated Repeater Systems Line-Up
→ A207.071.44	CANCEL	SEE	363-103-504				- Regulated Repeater System Line-Up
→ A207.071.45	CANCEL	SEE	363-103-505				- How to Locate Trouble
→ A207.071.60	CANCEL	SEE	363-104-100				- Alternate System Line-Up - General Information and Test Equipment
→ A207.071.61	CANCEL	SEE	363-104-501				- Alternate System Line-Up - Preparation
→ A207.071.62	CANCEL	SEE	363-104-502				- Alternate System Line-Up - Non Repeatered Systems
→ A207.071.63	CANCEL	SEE	363-104-503				- Alternate System Line-Up - Regulated Repeater Systems
→ A207.071.64	CANCEL	SEE	363-104-504				- Alternate System Line-Up - Level Coordination
→ A207.071.65	CANCEL	SEE	363-104-505				- Table 1 - High Group Repeater Input Power
→ A207.071.66	CANCEL	SEE	363-104-506				- Table 2 - High Group Repeater Output Power

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SUBJECT

A207.070 P1 TYPE (CONTINUED)

SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
→ A207.071.67	CANCEL - SEE	363-104	507				- Table 3 - Temperature Correction for High Group Output Power
→ A207.071.68	CANCEL - SEE	363-104	508				- Table 4 - High Group Regulator Volts
→ A207.071.69	CANCEL - SEE	363-104	509				- Table 5 - Temperature Correction for Output Power at -40F
→ A207.071.70	CANCEL - SEE	363-104	510				- Table 6 - Desired Low Group Output Power
→ A207.071.71	CANCEL - SEE	363-104	511				- Table 7 - Low Group Regulator Volts
→ A207.071.72	CANCEL - SEE	363-104	512				- Table 8 - Temperature Correction for Output Power

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A208 THROUGH A215

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	4-7-7	4-7-7	4-7-7	CODE	0	CODE	SUBJECT
A208. PRIVATE SERVICE SYSTEMS							
A208.000 A1 DIGITAL DATA SIGNALING SYSTEM							
→ A208.010	CANCEL - SEE	314	-501	-501			Digital Data Transmitter - Out-of-Service Tests
→ Add. A208.012							Digital Data Receiver - Out-of-Serv-
→ A208.012	CANCEL - SEE	314	-502	-501			ice Tests - A1 Digital Data Signal-
							ing System
A208.013	CANCEL - SEE	314	-507	-501			Party Check Service - Out-of-Service
							Tests - A1 Digital Data Signaling
							System - Private Service Systems
→ A208.014	CANCEL - SEE	314	-500	-501			Matching and Error Counting Circuit -
							Out-of-Service Tests - A1 Digital
							Data Signaling System - Private
							Service System
→ A208.015	CANCEL - SEE	314	-505	-501			Word Generator Circuit SD-1G097-01
							- Out-of-Service Tests - A1 Digital
							Data Signaling System - Private
							Service Systems
→ A208.016	CANCEL - SEE	314	-505	-502			Word Generator Circuit - Out-of-Serv-
							ice Tests
→ A208.017	CANCEL - SEE	314	-501	-501			Transfer and Control Circuits - Out-
							of-Service Tests
→ A208.019	CANCEL - SEE	314	-503	-501			Trouble Detectors - Out-of-Service
							Tests
A208.100 AIR - GROUND VOICE COMMUNICATION SYSTEM - DUAL FACILITIES							
→ A208.110	CANCEL - SEE	314	-555	-501			Dual-Facility Trunks - Over-All Tests
→ A208.111	CANCEL - SEE	314	-555	-502			- Local Tests of A/G Trunks at
							Site Testboard Air-Ground Voice
							Communication System Private Serv-
							ice Systems
→ A208.112	CANCEL - SEE	314	-555	-503			- Local Test of A/G Trunks at DC
							Testboard - Air-Ground Voice
							Communication System - Private
							Service Systems
A208.150 AIR - GROUND VOICE COMMUNICATION SYSTEM - COMMON USER GROUP							
→ A208.152	CANCEL - SEE	314	-550	-501			Link and Controller - Common User
							Group - Air-Ground Voice Communi-
							cation System - Private Service
							Systems
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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PTB	W-I	CODE	0	CODE	
A208. 150 AIR - GROUND VOICE COMMUNICATION SYSTEM - COMMON USER GROUP (CONTINUED)							
→	A208.153	CANCEL - SEE	314	556	502		Channel and Sender Circuits
→	A208.154	CANCEL - SEE	314	556	503		Over-All Tests - Common User Group - Air-Ground Voice Communication Sys- tem
→	A208.155	CANCEL - SEE	314	556	504		Trunks and Code Receivers - Common User Group - Using SD-1G030-01 Automatic Test Circuit - Air-Ground Voice Communication System - Private Service Systems
→	A208.161	CANCEL - SEE	314	556	505		Auto. Test Circuit - Common User Group - Air-Ground Voice Communi- cation System
→	A208.181	CANCEL - SEE	314	557	501		43A1 Carrier Telegraph Terminal Tests - Air-Ground Voice Communication System Private Service Systems
A212. LOCAL AND TOLL SERVICE OBSERVING EQUIPMENT AND LOCAL PLANT AND TRAFFIC DESKS							
A212.000 SERVICE							
Add.	A212.020						Holding Time Recorders - 1B and 1C
	A212.020	CANCEL - SEE	210	225	501		
	A212.021	CANCEL - SEE	210	201	501		Answering Time Recorder - Relay Rack Type - Toll Offices
	A212.022	CANCEL - SEE	210	200	501		- SD-96275-01, SD-96175-01 or SD-96070-01 Portable Type
	A212.023	CANCEL - SEE	210	203	501		Answering Time Recorder - SD-96235 -01, SD-96192-01 or SD-96001-01 Portable or Relay Rack Type
	A212.024	CANCEL - SEE	210	204	501		- SD-96176-01, or SD-96011-01 - Used with Multi-Line Service Observing Circuits
	A212.025	CANCEL - SEE	210	202	501		- Permanent Type Equipped with Traf. Weighting Applique
	A212.026	CANCEL - SEE	210	205	501		- Portable Type Equipped with Traf. Weighting Applique
	A212.027	CANCEL - SEE	210	207	501		- SD-96532-01 Equipped with Traffic Weighting Applique - Portable Type Modified for Relay Rack Mounting

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	0	CODE	
A212.000 SERVICE (CONTINUED)							
→ Add. A212.036							Cord Service Observing Circuit and Associated DC-MF Pulse Converter and DC Signal Monitoring Circuits for Positions Arranged for Key Pulsing - Used with No. 7 or No. 12 Service Observing Desk
→ A212.036 CANCEL - SEE	210	114	501				
→ Add. A212.037							Cord Service Observing Circuit and Associated Dial to MF Pulse Converter, - Dial Pulse Monitoring, and DC Signal Monitoring Circuits for Positions Arranged for Dialing - Used with No. 7 or No. 12 Service Observing Desk
→ A212.037 CANCEL - SEE	210	114	502				
→ A212.039 CANCEL - SEE	210	105	501				Service Observing Circuit for Observing Speed of Answer - Service Observing Desk No. 12
→ Add. A212.040							
→ A212.040 CANCEL - SEE	210	106	501				Intertoll Service Observing Circuit and Associated Dial Pulse Converter Circuit for Use with Service Observing Desk No. 12 - No. 4, 4A, 4A and 4M Toll Switching System
→ Add. A212.041							
→ A212.041 CANCEL - SEE	210	113	501				Position, Telephone and MF Receiving Circuits - No. 7 or No. 12 Service Observing Desk
→ A212.042 CANCEL - SEE	210	110	501				
→ Add. A212.043							Incoming Trunk and Distribution Circuit - No. 7 or No. 12 Service Observing Desk
→ A212.043 CANCEL - SEE	210	111	502				
→ A212.044 CANCEL - SEE	210	111	501				Two or Four-Wire Intertoll Service Observing - Trunks and Associated Dial Pulse Converter - No. 7 or No. 12 Service Observing Desk - Using Service Observing Test Circuit (SD-95712-01)
→ A212.051 CANCEL - SEE	210	116	503				
							Intertoll Service Observing Circuit Used with No. 7 or No. 12 Service Observing Desk - Using Test Circuit SD-27050-01 - Crossbar Tandem Offices
							Service Observing Circuit for Incoming Trunks and Associated Pulse Monitor and Converter Circuits - No. 7 or No. 12 Service Observing Desk - Crossbar Tandem Offices - Arranged for CAMA

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PMB	W-I	CODE	0	CODE	SUBJECT
A212.000 SERVICE (CONTINUED)							
→ A212.053 CANCEL - SEE	210-118	502					AMA, CAMA, and Local Dial Service Observing Circuits, for DDD Trunks and Junctors, and Miscellaneous Local Dial Trunks - No. 7 or No. 12 Service Observing Desk - No. 5 Crossbar Office
→ A212.054 CANCEL - SEE	210-116	504					Service Observing Circuit for CAMA Incoming Trunks - No. 7 or 12 Service Observing Desk - No. 4A and 4M Toll Switching Systems
→ A212.056 CANCEL - SEE	210-116	502					Service Observing Circuit for CAMA Incoming Trunk No. 7 or 12 Service Observing Desk - Test Using Test Set SD-32271-01 (J38913A) Step by Step
→ Add. A212.060							Position Circuit - Transmission Tests No. 12 and Modified No. 7 Service Observing Desk
→ A212.060 CANCEL - SEE	210-112	501					
→ Add. A212.061							Cord Service Observing Circuits Used with No. 12 and Modified No. 7 Service Observing Desks - Transmission Tests No. 1, 2, 3 Type Toll Switchboards and No. 13, 14 and 15 Type DSA Switchboards
→ A212.061 CANCEL - SEE	210-114	503					
→ Add. A212.062							CAMA Service Observing Circuits Used with No. 12 and Modified No. 7 Service Observing Desks - Transmission Tests Crossbar Tandem Offices
→ Add. A212.062							
→ A212.062 CANCEL - SEE	210-116	501					
→ Add. A212.063							AMA and CAMA Service Observing Circuits Used with No. 12 and Modified No. 7 Service Observing Desks - Transmission Tests - No. 5 Crossbar Offices
→ A212.063 CANCEL - SEE	210-118	501					
→ A212.064 CANCEL - SEE	210-119	501					CAMA Service Observing Circuits used with No. 12 and Modified No. 7 Service Observing Desks - Transmission Tests - Step-by-Step Offices
→ A212.071 CANCEL - SEE	210-150	501					Position Circuit - Line Service Observing - Teletypewriter Auxiliary Desk
A212.100 OPERATING ROOM DESKS							
NO. 1 AND NO. 2 INFORMATION DESKS							
→ A212.134 CANCEL - SEE	210-301	501					Flashing Circuits
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	0	CODE	
NO. 23 TYPE OPERATING ROOM DESKS							
Add. A212.141							Incoming Call Distributing Trunks
A212.141 CANCEL - SEE	210	310	502				Using Trunk Test Set SD-95535-01 (J94729A) - Nos. 23A, 23B, 23C and 23D Operating Room Desks
A212.142 CANCEL - SEE	210	310	505				Outgoing and Interposition Trunks - Messenger and Service Assistant Call Circuits - Nos. 23E and 23F Operating Room Desks
A212.143 CANCEL - SEE	210	310	501				Incoming Trunk Switch, Trunk Pre- ference, Operators Telephone and Position, Service Assistant - Tele- phone and Position Transfer Circuits - Using Test Set SD-95535-01 - Nos. 23A, 23B, 23C and 23D Oper- ating Room Desks
A212.144 CANCEL - SEE	210	310	504				Outgoing Trunk Circuit - Nos. 23A, 23B, 23C and 23D Operating Room Desks
A212.145 CANCEL - SEE	210	310	503				Incoming Call Distributing Trunks - Using Trunk Test Circuit SD-96478-01 - No. 23A, 23B, 23C and 23D Operating Room Desks
NOS. 3, 4, AND 6 INFORMATION DESKS							
A212.151 CANCEL - SEE	210	304	506				Incoming Trunks Circuit and Associated Alarm and Timing Circuits
A212.152 CANCEL - SEE	210	304	501				Operator's Telephone Circuits
A212.153 CANCEL - SEE	210	304	502				Start Circuit and Associated Alarm Circuit
A212.154 CANCEL - SEE	210	304	503				Allotter Circuit and Associated Alarm and Registers
A212.156 CANCEL - SEE	210	304	507				Outgoing and Interposition Trunks
A212.157 CANCEL - SEE	210	304	504				Calls Waiting Signal Circuit with Sequence Storing Timing Circuit
A212.158 CANCEL - SEE	210	304	505				Incoming Intercept Trunks Using Trunk Test Set SD-95562-01 (J94728A)
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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PTB	W-I	CODE	O	CODE	
A212.300 REPAIR SERVICE DESKS							
A212.371 CANCEL - SEE 226-536-500							Operation Test of Trunks from Selector Levels to Repair Clerk's Desks - Wagon Type Trunk Test Set Step-by-Step Machine Switching Offices
A212.381	1			CANCELLED			Operation Test of Trunks from District or Office Multiple to No. 1C Repair Service Desk - Panel Offices
A212.400 TEST DESKS							
A212.409		B	B	All	B	A1,4,5,12 E12	Local Test Desk - No. 14 Type
A212.471 CANCEL - SEE 226-535-500							Operation Test of Trunks from Selector Levels to Test Desks - Wagon Type Trunk Test Set - Step-by-Step Machine Switching Offices
A212.521		C		CANCELLED			Method of Testing Permanent Signal Holding Lines - Panel Offices
A212.522		B		CANCELLED			Method of Testing Plugging Up Lines in Panel and Crossbar Offices
→ A212.712 CANCEL - SEE 205-103-501							Automatic Data Set 154A1 - Originating Circuit Tests and Adjustments Using 166A1 Test Set Telegraph Test Circuit
→ A212.713 CANCEL - SEE 205-103-502							Automatic Data Set 154A1 - Terminating Circuit Tests and Adjustments Using 166A1 Test Set Telegraph Test Circuit
→ A212.714 CANCEL - SEE 205-105-501							904-Type Data Test Centers - Tests
→ A212.750 CANCEL - SEE 205-201-501							2-Way Station Test Line Circuit SD-70924-01 - No. 2 or 9B Telegraph Serviceboard - No. 9 Telegraph Testboard
→ A212.751 CANCEL - SEE 205-201-502							Station Monitoring Test Line Circuit SD-70925-01 - No. 2 or 9B Telegraph Serviceboard - No. 9 Telegraph Testboard
→ A212.752 CANCEL - SEE 205-201-503							2-Way Station Line Circuit SD-70926-01 No. 2 or 9B Telegraph Serviceboard - No. 9 Telegraph Testboard
→ A212.753 CANCEL - SEE 205-202-501							10-A Telegraph Testboard
→ A212.754 CANCEL - SEE 205-101-501							Automatic Test Line Circuit SD-71028-01 For Use With 101A Data Circuit Transmission and Operation Tests
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SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A212. 700 TELEGRAPH TESTBOARD							
→ A212.758 CANCEL - SEE	205	203	501				10B Telegraph Testboard
→ A212.759 CANCEL - SEE	205	102	501				Automatic Data Test Line No. 5A - SD-71076-01 - Transmission and Operation Tests
A213. MAGNETO OFFICES							
A213.000 CORD CIRCUITS							
A213.001				CANCELLED			Cord Circuits
A213.100 LINE CIRCUITS							
A213.101				CANCELLED			Line Circuits
A213.200 TRUNK CIRCUITS							
A213.201				CANCELLED			Toll and Trunk Circuits
A213.300 MISCELLANEOUS CIRCUITS							
A213.301				CANCELLED			Operator's Telephone Circuits
A213.311				CANCELLED			Miscellaneous Circuits

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A217 THROUGH A218

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A217.000 COMMON (CONTINUED)							
→ A217.053 CANCEL - SEE	226	200	506				- Rapid Operation Tests - Using Test Set SD-31725-01 (J34721A)
→ Add. A217.054							- Operation Tests - Using 2-Party Message Rate Type Test Set - SD-31456-01 (J34715A)
→ A217.054 CANCEL - SEE	226	200	502				- Line Tests - Using Test Set SD-90210-01 (J34704A) or SD-90416-01 (J94704A)
→ Add. A217.056							- Line Test - Using Individual Message-Rate Type Test Set ES-30417-01 (X61351), SD-31246-01 (J34703A) or SD-31524-01 (J34718A)
→ A217.056 CANCEL - SEE	226	200	508				- Line Test - Using 2-Party Message Rate Type Test Set SD-31151-01 (X61404A), SD-31258-01 (J34702A) or SD-31456-01 (J34715A)
→ Add. A217.057							Line and Trunk Finder Group and Chain Circuit
→ A217.057 CANCEL - SEE	226	200	510				Line Finders - Operation Tests - Using Trunk Test Set SD-90469-02 (94710A)
→ Add. A217.058							Line Finder Operation Tests - Using 2-Party Message Rate Type Test Set - SD-31151-01 (X-61404A) or SD-31258-01 (J34702A)
→ A217.058 CANCEL - SEE	226	200	509				Trunks to Desks and Switchboard Positions from Local Selector Levels - Operation Tests Using Hand Test Set
→ A217.059 CANCEL - SEE	226	215	500				Trunk Finders for Concentrating Intercepting and Verification Request Trunks - Operation Tests Using Test Set - SD-31456-01 (J34715A) or SD-31524-01 (J34718A)
→ Add. A217.061							- Operation Tests Using Trunk Test Set SD-90469-01 (J94710A) or SD-90469-02 (J94710A)
→ A217.061 CANCEL - SEE	226	200	501				Code Selector - Call Through Tests from Associated Auxiliary Trunk Circuit - Using Dial Hand Test
→ Add. A217.062							
→ A217.062 CANCEL - SEE	226	200	203				
→ A217.071 CANCEL - SEE	226	533	500				
→ Add. A217.079							
→ A217.079 CANCEL - SEE	226	220	501				
→ Add. A217.080							
→ A217.080 CANCEL - SEE	226	220	500				
→ A217.085 CANCEL - SEE	226	325	500				

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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A217.100 NO. 355 AND NO. 356 OFFICES							
→ Add. A217.110							Line Finder Tests
→ A217.110 CANCEL - SEE 226-205-500							
→ Add. A217.111							Rotary Out-Trunk Switches - Using
→ A217.111 CANCEL - SEE 226-610-501							Trunk Test Set SD-90469-02 (J94710A) - No. 355A Offices
→ A217.112 CANCEL - SEE 226-200-500							Line Finders - Without Control Circuit - Operation Tests - Using Dial Hand Test Set
→ A217.113 CANCEL - SEE 226-605-500							4-Wire Rotary Out-Trunk Switch SD-32253-01 Using Dial Hand Test Set - No. 350A Step-by-Step and No. 355A Community Dial Offices
→ A217.116 CANCEL - SEE 226-300-507							Selectors - B and C Relay Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ Add. A217.117							Message Rate Trunk Circuits - Using
→ A217.117 CANCEL - SEE 225-330-500							Test Set SD-31858-01 (J34701A) No. 355A Offices
→ Add. A217.118							- Using Test Set SD-31859-01
→ A217.118 CANCEL - SEE 225-330-501							(J34722B) - No. 355A Offices
→ A217.119 CANCEL - SEE 226-300-500							Selectors - Pulsing Tests - Using Pulsing Test Set SD-31481-01 (J34717A) - No. 1 and 350A Step- by-Step and 355A and 35-E-97 Community Dial Offices
→ A217.120 CANCEL - SEE 226-305-501							Selector Operation Test - Using Test Set SD-31585-01 (J34701A) - No. 355A Offices
→ A217.121 CANCEL - SEE 226-305-502							- Using Test Set (J34722B) SD-31859-01
→ A217.122 CANCEL - SEE 226-305-500							- Using Dial Hand Test Set or No. 40C Test Set - Nos. 1 and 350A Step-by-Step Offices and Nos. 355A and 35-E-97 Community Dial Offices

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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	O	CODE	
A217.100 NO. 355 AND NO. 356 OFFICES (CONTINUED)							
→ Add. A217.123				CANCELLED			Selector Rotary Test
→ A217.123							
→ Add. A217.124							Selector Repeater Operation Tests -
→ A217.124 CANCEL - SEE 226-330-502							Using Test Set SD-31858-01, SD-90469-01 or SD-90469-02 - No. 350A or No. 355A Offices
→ Add. A217.125				CANCELLED			Toll Transmission Selector Operation
→ A217.125 CANCEL - SEE 225-305-500							Test - Using Test Set SD-31858-01 - No. 355A Offices
→ Add. A217.126							A-B Toll Transmission Selector
→ A217.126 CANCEL - SEE 225-310-500							Operation Test - No. 355A Offices
→ A217.127 CANCEL - SEE 226-300-506							Selectors - Rotary and C Relay Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ Add. A217.128				CANCELLED			Selector Repeater - Rotary and C
→ A217.128 CANCEL - SEE 226-330-501							Relay Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A Community Dial Offices
→ Add. A217.129							Selector Repeater Operation Tests -
→ A217.129 CANCEL - SEE 225-300-500							Using Test Set SD-31859-01 - No. 355A Offices
→ Add. A217.130							Local Connector Operation Tests -
→ A217.130 CANCEL - SEE 226-405-500							Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 (J33017F) No. 355A Offices
→ A217.131 CANCEL - SEE 226-405-501							- Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 (J33017F) No. 355A Offices
→ Add. A217.133							Local Connector Operation Tests -
→ A217.133 CANCEL - SEE 225-400-500							Using Test Set SD-31859-01 (J34722B) and Test Line SD-30981-01 - No. 356A Com- munity Dial Offices
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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A217.100 NO. 355 AND NO. 356 OFFICES (CONTINUED)							
→ A217.134 CANCEL - SEE	226	400	500				Connector Pulsing Tests - Using Pulsing Test Set SD-31481-01 (J34717A) - Step-by-Step No. 355A and 35-E-97 Community Dial Offices
→ A217.135 CANCEL - SEE	226	420	500				Combination Connector Toll Operation Tests - Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 - No. 355A Community Dial Offices
→ A217.136 CANCEL - SEE	226	420	501				- Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 No. 355A Community Dial Offices
→ A217.137 CANCEL - SEE	226	340	511	226-400-501 &			Connector, Test Distributor and 8-and-10 Party Reverting Call Selectors - Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
	226	828	501				
→ A217.140 CANCEL - SEE	225	405	500				Distributor Circuits - Using SD-31859-01 Test Set - No. 356A Community Dial Offices
→ A217.141 CANCEL - SEE	226	315	502				Loop Dialing Toll and A-B Toll Transmission Selectors and Other Selectors with Loop Compensating Resistances - Pulse Repeating and Pulsing Tests - Using Pulse Repeating SD-31667-01 (J34720A) and Pulsing SD-31481-01 (J34717A) Test Sets - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A217.145 CANCEL - SEE	227	525	500				Automatic Number Identification Outgoing Trunk Circuits - Tests Using Automatic Trunk Test Circuit SD-32315-01 - 355A Community Dial Offices

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	O	CODE	
A217.100 NO. 355 AND NO. 356 OFFICES (CONTINUED)							
→ A217.146	CANCEL - SEE	227	560	500			Automatic Number Identification Auto- matic Trunk Test Circuit SD-32315-01 - Misc. Tests - 355A Community Dial Offices
→ A217.148	CANCEL - SEE	226	514	500			2-Way Operator Office Trunks and Associated Coin Control Trunk - Coin, Noncoin, and Rering Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) - No. 350A Step-by-Step and 355A Community Dial Offices
→ A217.149	CANCEL - SEE	226	572	500			Toll Diverting Trunks - Operation Tests - Using Trunk Test SET SD-90469-02 (J94710A) - No. 1, 350A Step-by-Step and 355A Community Dial Offices
→ A217.150	CANCEL - SEE	225	325	500			Outgoing Interoffice Trunks - Opera- tion Tests - Using Test Set SD-31858- 01 (J34701A) No. 355A Community Dial Offices
→ A217.151	CANCEL - SEE	226	508	503			Outgoing Interoffice Trunks - Opera- tion Tests - Using Test Set SD-31859- 01 (J34722B) - No. 355A, 356A & 35-E- 97 Community Dial Offices
→ A217.152	CANCEL - SEE	225	320	500			Outgoing Intercepting Trunks and Vacant Code Trunks - Operation Test Using Test Set SD-31858-01 (J34701A) No. 355A Community Dial Office
→ A217.153	CANCEL - SEE	225	320	501			- Using Test Set SD-31859-01 - No. 355A Community Dial Offices
→ A217.155	CANCEL - SEE	226	524	503			Subscriber Recording-Completing Trunk Test - Using Test Set SD-31858-01 No. 355A Community Dial Offices
→ A217.157	CANCEL - SEE	226	804	500			Pulse Generator & Counting Circuit - Alarm & Transfer Test - No. 355A and 35-E-97 Community Dial Offices
→ A217.161	CANCEL - SEE	226	556	500			Outgoing Two Wire Intercepting Trunks from Trunk Finders Arranged for Machine Announcements No. 355A Com- munity Dial Offices

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A217.100 NO. 355 AND NO. 356 OFFICES (CONTINUED)							
→ A217.162 CANCEL - SEE	226	600	500				Outgoing Repeaters - Pulsing Tests - Using Pulsing Test Set SD-31481-01 (J34717A) - No. 1 and 350A Step-by- Step and 355A and 35-E-97 Community Dial Offices
→ A217.163 CANCEL - SEE	226	600	501				Outgoing Repeaters - Pulsing Tests - Per Cent Break Method - Using Pulse Repeating Test Set SD-31667-01 (J34720A) and Pulsing Test Set SD-31481-01 (J34717A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A217.164 CANCEL - SEE	226	600	503				Repeaters - B and C Relay Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A217.166 CANCEL - SEE	226	511	500				Incoming Trunk Circuits SD-31703-01 Operation Tests Using Test Sets SD-31858-01 (J34701A) SD-90469-01 or SD-90469-02 (J94710A) - No. 1 and 350A Step-by-Step and No. 355A Com- munity Dial Offices
→ Add. A217.176							8-Party Reverting Call Selectors - Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line, SD-31857-01 - No. 355A Community Dial Offices
→ A217.176 CANCEL - SEE	226	340	508				
→ A217.177 CANCEL - SEE	226	340	514				5-, 10- and 2-Party Terminal Per Line Reverting Call Selector Operation Tests - Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 - No. 355A Community Dial Offices
→ Add. A217.178							8-Party Reverting Call Selector Opera- tion Tests - Using Test Set SD-31859- 01 (J34722B) and Test Lines SD-31857- 01 and SD-30981-01
→ A217.178 CANCEL - SEE	226	340	509				

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FTB	N-I	CODE	0	CODE	
A217.100 NO. 355 AND NO. 356 OFFICES (CONTINUED)							
→ A217.179 CANCEL - SEE	226	340	515				5-, 10-, and 20-Party Terminal per Line Reverting Call Selector Operation Tests - Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 - No. 355A Community Dial Offices
→ Add. A217.180							
→ A217.180 CANCEL - SEE	226	521	501				Prepayment Coin Trunks - Operation Tests - Using Test Set SD-31858-01 (J34701A) - No. 355A Offices
→ Add. A217.181							
→ A217.181 CANCEL - SEE	226	340	505				2-Party Selective and 4-Party Semi-selective Reverting Call Selector Operation Tests - Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 - No. 355A Community Dial Offices
→ Add. A217.182							
→ A217.182 CANCEL - SEE	226	340	506				2-Party Selective and 4-Party Semi-selective Reverting Call Selector Operation Tests - Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 - No. 355A Community Dial Offices
→ A217.183 CANCEL - SEE	225	340	500				Switch Trouble, Fuse and Permanent Alarms - No. 355A Community Dial Offices
→ A217.184 CANCEL - SEE	225	345	500				Trouble and Fuse Alarms - Miscellaneous Circuits - No. 355A Community Dial Offices
→ A217.185 CANCEL - SEE	225	350	500				Traffic Register Circuit Test - No. 355A Community Dial Offices
→ A217.186 CANCEL - SEE	225	335	500, 226-840	500			Auxiliary Coin Line and Coin Trunk - Postpayment Type
→ A217.187 CANCEL - SEE	226	842	500				Auxiliary Line Circuit - Prepayment Coin Service - Using Test Set SD-31858-01 (J34701A) - No. 355A Community Dial Offices
→ A217.188 CANCEL - SEE	226	502	500				Auxiliary Trunk Circuit - Prepayment Coin Service - Using Test Set SD-31858-01 (J34701A) - No. 355A Community Dial Offices

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FWB	W-I	CODE	0	CODE	SUBJECT
A217.100 NO. 355 AND NO. 356 OFFICES (CONTINUED)							
→ A217.189 CANCEL - SEE	226	440	502				Coin Control Connector - Using Test Set SD-31858-01 (J34701A) - No. 355A Community Dial Offices
→ A217.190 CANCEL - SEE	226	818	500				Emergency Line Circuit No. 1, 350A Step-by-Step and No. 355A or 35-E-97 Community Dial Offices
→ A217.193 CANCEL - SEE	225	410	500				Alarm Tests - No. 356A Community Dial Offices
Add. A217.194							
A217.194 CANCEL - SEE	030	332	502				Traffic Register Tests - Using Test Set SD-32150-01
→ A217.195 CANCEL - SEE	225	415	500				Traffic Registers - No. 356A Community Dial Offices
A217.200 NO. 360A OFFICES							
→ A217.201 CANCEL - SEE	225	515	500				Switch Trouble, Fuse and Permanent Alarms
→ A217.202 CANCEL - SEE	225	520	500				Miscellaneous Circuits - Trouble and Fuse Alarms
→ A217.206 CANCEL - SEE	226	305	503				Selector Operation Test - Using Test Set SD-90210-01 or SD-90416-01 - 350 and 360 Community Dial Offices
→ A217.207 CANCEL - SEE	226	415	507				Connector Operation Test - Using Test Set SD-90210-01 (J94704A) or SD-90416-01 (J94704A)
→ Add. A217.210							
→ A217.210 CANCEL - SEE	226	315	503				Toll and A-B Toll Transmission Selectors - Operation Tests - Using Test Set SD-90416-01 (J94704A)
→ A217.211 CANCEL - SEE	225	500	500				- Using Dial Hand Test Set
→ Add. A217.212							
→ A217.212 CANCEL - SEE	226	340	503				2- and 4-Party Reverting Call Selector Operation Tests - Using Test Circuit SD-30998-01
→ Add. A217.213							
→ A217.213 CANCEL - SEE	226	340	507				8-Party Reverting Call Selector Operation Tests - Using Test Circuit SD-30998-01
→ Add. A217.214							
→ A217.214 CANCEL - SEE	226	340	513				Ten-Party Terminal Per Line Reverting Call Selector Operation Tests - Using Test Circuit SD-30998-01
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		COMPANY or AREA						
		ISSUE - CODE						
SECTION NO.		ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A217. 200 NO. 360A OFFICES (CONTINUED)								
→	Add. A217.215							Reverting Call Selector Operation
→	A217.215 CANCEL - SEE	226	340	501				Tests Using Test Set SD-90416-01
→	Add. A217.217							- Using Test Set SD-90469-02 and
→	A217.217 CANCEL - SEE	226	340	502				Test Line Circuit SD-32198-01
→	A217.221 CANCEL - SEE	225	525	500				Traffic Register Operation Tests
→	Add. A217.226							Prepayment Coin Trunks - Operation
→	A217.226 CANCEL - SEE	226	521	501				Tests - Using Test Set
								SD-31858-01 (J34701A)
→	A217.227 CANCEL - SEE	226	842	500				Auxiliary Line Circuit - Prepayment
								Coin Service - Using Test Set
								SD-31858-01, (J34701A)
→	A217.228 CANCEL - SEE	226	502	500				- Using Test Set SD-31858-01
								(J34701A)
→	A217.229 CANCEL - SEE	226	440	502				Coin Control Connector - Using Test
								Set SD-31858-01 (J34701A)
→	A217.231 CANCEL - SEE	226	415	506				Local Connector Operation Tests -
								Using Trunk Test Set SD-90469-01
								or SD-90469-02
→	Add. A217.233							Combination Connector Toll Operation
→	A217.233 CANCEL - SEE	225	505	501				Tests - Using Test Set SD-90416-01
								(J94704A) and Test Line
								SD-32198-01
→	Add. A217.234							Toll Connector Operation Tests -
→	A217.234 CANCEL - SEE	226	425	500				Using Trunk Test Set SD-90469-01
								or SD-90469-02 and Test Line
								SD-32198-01
→	A217.235 CANCEL - SEE	226	415	505				Local and Combination Selectors
								Local Operation Tests - Using
								Test Set SD-90210-01 (J34704A) or
								SD-90416-01 (J94704A) and Test
								Line SD-32198-01
A217. 300 NO. 375 OFFICES								
→	A217.305 CANCEL - SEE	225	700	500				Line Finder Tests
→	A217.310 CANCEL - SEE	225	705	500				Connector Tests
→	A217.315 CANCEL - SEE	225	710	500				Interoffice Trunk Tests
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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FTB	W-I	CODE	0	CODE	
A217. 300 NO. 375 OFFICES (CONTINUED)							
→ A217.320	CANCEL - SEE	225	715	500			Alarm and Register Tests
A218. 200 NO. 35 - E - 97 OFFICES							
→ A218.204	CANCEL - SEE	226	200	500			Line Finders - Without Control Circuit - Operation Tests - Using Dial Hand Test Set
→ A218.205	CANCEL - SEE	225	600	500			Line Finder Tests
→ A218.206	CANCEL - SEE	225	610	500			Selector Operation Test - Using Test Set H-35348 or H-35690
→ Add. A218.207							Local Connector Operation Tests - Using Test Set H-35348 or H-35690
→ A218.207	CANCEL - SEE	225	625	500			
→ A218.208	CANCEL - SEE	225	620	500			Reverting Call Selector Tests
→ A218.209	CANCEL - SEE	225	635	500			Interoffice Trunk Tests
→ A218.210	CANCEL - SEE	225	630	500			Auxiliary Coin Line and Coin Trunk - Postpayment Type
→ A218.211	CANCEL - SEE	225	650	500			Switch Trouble, Fuse, and Permanent Alarms
→ A218.213	CANCEL - SEE	225	655	500			Miscellaneous Circuits - Trouble and Fuse Alarms
→ A218.214	CANCEL - SEE	225	660	500			Traffic Register Circuit Test
→ Add. A218.215							Rotary Out-Trunk Switches - Using Trunk Test Set SD-90469-02 (J94710A)
→ A218.215	CANCEL - SEE	226	610	501			
→ Add. A218.216							Selector Trunks - Continuity and Polarity Tests - Using Dial Hand Test Set
→ A218.216	CANCEL - SEE	225	645	500			
→ A218.217	CANCEL - SEE	226	305	501			Selector Operation Test - Using Test Set SD-31858-01
→ A218.218	CANCEL - SEE	226	305	502			- Using Test Set SD-31859-01 (J34722B)
→ A218.219	CANCEL - SEE	225	605	500			Selector Rotary Test Using No. 40C Test Set or Dial Hand Test Set
→ A218.220	CANCEL - SEE	226	305	500			Selector Operation Test - Using Dial Hand Test Set or No. 40C Test Set Nos. 355A and 35-E-97 Community Dial Offices
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COMPANY or AREA						
ISSUE - CODE						
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE
A218.200 NO. 35- E - 97 OFFICES (CONTINUED)						
→ A218.221 CANCEL - SEE	226	310	500			Toll Transmission Selector Operation Test - Using Test Set SD-31858-01
→ A218.222 CANCEL - SEE	225	615	500			A-B Toll Transmission Selector Operation Test - Using Test Set SD-31858-01
→ A218.223 CANCEL - SEE	226	508	503			Outgoing Interoffice Trunks - Operation Tests - Using Test Set SD-31859-01 (J34722B) - No. 355A, 356A and 35-E-97 Community Dial Offices
→ A218.226 CANCEL - SEE	226	524	503			Subscriber Recording-Completing Trunk Test - Using Test Set SD-31858-01
→ A218.227 CANCEL - SEE	226	804	500			Pulse Generator and Counting Circuit - Alarm and Transfer Test- No. 355A and 35-E-97 Community Dial Offices
→ A218.228 CANCEL - SEE	226	300	500			Selectors - Pulsing Tests - Using Pulsing Test Set SD-31481-01 (J34717A) - No. 1 and 350A Step- by-Step and 355A and 35-E-97 Com- munity Dial Offices
→ A218.229 CANCEL - SEE	226	340	511, 226-400-501, 226-828-501			Connector, Test Distributor and 8- and-10 Party Reverting Call Selectors - Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A218.230 CANCEL - SEE	226	400	500			Connector Pulsing Tests - Using Pulsing Test Set SD-31481-01 (J34717A) No. 355A and 35-E-97 Community Dial Offices

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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A218.200 NO. 35 - E - 97 OFFICES (CONTINUED)							
→ Add. A218.231							Local Connector Operation Tests Using SD-31858-01 (J34701A) and Test Line SD-31857-01 - No. 355A and 35-E-97 Community Dial Offices - Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 - No. 355A and 35-E-97 Community Dial Offices Combination Connector - Toll Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 (J33017F) No. 355A and 35-E-97 Community Dial Offices - Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 (J33017F) No. 355A and 35-E-97 Community Dial Offices Emergency Line Circuit - No. 1, 350A Step-by-Step and No. 355A or 35-E-97 Community Dial Offices
→ A218.231 CANCEL - SEE	226	405	500				
→ A218.232 CANCEL - SEE	226	405	501				
→ A218.233 CANCEL - SEE	226	420	500				
→ A218.234 CANCEL - SEE	226	420	501				
→ A218.235 CANCEL - SEE	226	818	500				

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ISSUE - CODE							
SECTION NO.	ATT	FTB	W-I	CODE	Q	CODE	SUBJECT
A218.200 NO. 35 - E - 97 OFFICES (CONTINUED)							
→ A218.236 CANCEL - SEE	226	521	501				Prepayment Coin Trunks - Operation Tests - Using Test Set SD-31858-01 (J34701A)
→ A218.237 CANCEL - SEE	226	842	500				Auxiliary Line Circuit - Prepayment Coin Service - Using Test Set SD-31858-01, (J34701A)
→ A218.238 CANCEL - SEE	226	502	500				Auxiliary Trunk Circuit - Prepayment Coin Service - Using Test Set SD-31858-01, (J34701A)
→ A218.239 CANCEL - SEE	226	440	502				Coin Control Connector - Using Test Set SD-31858-01 (J34701A)
→ A218.240 CANCEL - SEE	226	340	508				8-Party Reverting Call Selectors - Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 - No. 35-E-97 Community Dial Offices
→ A218.241 CANCEL - SEE	226	340	514				5-, 10-, and 20-Party Terminal Per Line Reverting Call Selector Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 Nos. 355A and 35-E-97 Community Dial Offices
→ A218.242 CANCEL - SEE	226	340	509				8-Party Reverting Call Selectors - Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Lines SD-31857-01 and SD-30981-01 - No. 35-E-97 Community Dial Offices
→ A218.243 CANCEL - SEE	226	340	515				5-, 10-, and 20-Party Terminal Per Line Reverting Call Selector Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 - Nos. 355A and 35-E-97 Community Dial Offices
→ A218.245 CANCEL - SEE	226	340	505				2-Party Selective and 4-Party Semi-Selective Reverting Call Selector - Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 - No. 35-E-97 Community Dial Offices
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PWB	W-I	CODE	O	CODE	
A218.200 NO. 35 - E - 97 OFFICES (CONTINUED)							
→ A218.246 CANCEL - SEE	226	340	506				- Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 - No. 35-E-97 Community Dial Offices
→ A218.247 CANCEL - SEE	226	600	500				Outgoing Repeaters - Pulsing Tests - Using Pulsing Test Set SD-31481-01 (J34717A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A218.248 CANCEL - SEE	226	600	501				Outgoing Repeaters - Pulsing Tests - Per Cent Break Method - Using Pulse Repeating Test Set SD-31667-01 (J34720A) and Pulsing Test Set SD-31481-01 (J34717A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A218.249 CANCEL - SEE	226	600	503				Repeaters - B and C Relay Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A218.255 CANCEL - SEE	226	556	500				Outgoing 2-Wire Intercepting Trunks from Trunk Finders Arranged for Regular or Trouble Intercept to Operator or to Machine Announcement - Using Test Set SD-90469-01 - SD-90469-02 (J94710A) - Step-by-Step Offices No. 355A and 35-E-97 Community Dial Offices
→ A218.256 CANCEL - SEE	226	300	506				Selectors - Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A218.200 NO. 35 - E - 97 OFFICES (CONTINUED)							
→ A218.257 CANCEL - SEE	226	300	507				Selectors - B and C Relay Timing Tests - Using Relay Timing Test Set SD-90418-01 (J94713A) - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
→ A218.261 CANCEL - SEE	226	315	502				Loop Dialing Toll and A-B Toll Transmission Selectors and Other Selectors with Loop Compensating Resistances - Pulse Repeating and Pulsing Tests - Using Pulse Repeating SD-31667-01 (J34720A) and Pulsing SD-31481-01 (J34717A) Test Sets - No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices
A218.500 CX30, CX60, CX100, CX200, AND CX1000 OFFICES							
→ A218.505 CANCEL - SEE	225	805	500				Line Finder Tests - CX-Type
→ A218.510 CANCEL - SEE	225	810	500				Selector Tests - CX1000
→ A218.515 CANCEL - SEE	225	815	500				Connector Tests - CX-Type
→ A218.516 CANCEL - SEE	225	820	500				Superimposed Reverting Call Connector Tests - CX-Type
→ A218.520 CANCEL - SEE	225	825	500				Interoffice Trunk Tests - CX-Type
→ A218.530 CANCEL - SEE	225	835	500				Alarm, Traffic Register and Ringing Transfer Tests - Offices with Non-Standard Alarm Indications - CX-Type
→ A218.531 CANCEL - SEE	225	840	500				- Offices with Standard Alarm Indications - CX-Type
→ A218.535 CANCEL - SEE	225	830	500				Call Through Tests - CX-Type
→ A218.540 CANCEL - SEE	225	800	500				Line Finder Line Tests - CX-Type

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A220 THROUGH A224

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	N-I	CODE	0	CODE	SUBJECT
A220. COMMON TO ALL TOLL OFFICES							
A220.000 TICKET DISTRIBUTING SYSTEMS							
A220.001 CANCEL - SEE 211-130-501							Pneumatic Tube
A220.200 RINGING EQUIPMENT							
A220.201				CANCELLED			Types "A" and "B" Composit Ringers
A220.205				CANCELLED			Terminal and Intermediate Ringers - Using No. 523A Test Panel
A220.206				CANCELLED			20 and 135-Cycle Ringers Using No. 546A Test Panel SD-62314-01
A220.207				CANCELLED			20 and 135-Cycle Terminal and Intermediate Ringers - Using A-C Relay and Signaling Test Set SD-63674-01
A220.209				CANCELLED			20 and 135-Cycle Ringers and Signaling Circuits Using Test Panel J68602W
A220.211				CANCELLED			1000-Cycle Two-Tube Ringers Using Test Circuit SD-61389-01
A220.212				CANCELLED			- Test Circuit per SD-61041-C2
A220.213				CANCELLED			- Using A-C Relay and Signaling Test Set SD-63674-01
A220.220				CANCELLED			1000-Cycle Ringer Oscillator
Add. A220.225							
A220.225				CANCELLED			1000-Cycle Signal Receiving Circuits SD-55392-01
A220.250 CANCEL - SEE 179-205-501							Supply Circuit SD-55962-01 - 1600 or 2000 Cycle Single Frequency Signaling System
A220.251 CANCEL - SEE 179-206-501							Supply Circuits SD-56239-01 - 1600 or 2000 Cycle Single Frequency Signaling System
A220.252 CANCEL - SEE 179-215-501							Signaling Circuit SD-55954-01 and SD-55954-02 - Out of Service Tests
Add. A220.254							
A220.254 CANCEL - SEE 179-210-501							Over-all Pulsing and Supervisory Tests - Single Frequency Signaling Circuits - Using No. 2A and No. 2B Signaling Test Set on E and M Leads

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A200. 200 RINGING EQUIPMENT (CONTINUED)							
Add. A220.256							1600 or 2000 Cycle Single Frequency Signaling Circuit SD-56202-01
A220.256 CANCEL - SEE	179	217	501				
A220.257 CANCEL - SEE	179	310	501				2400- or 2600-Cycle Single Frequency Signaling Circuits - SD-56202-02
A220.260				CANCELLED			1000/20-Cycle Signaling Supply Circuit SD-55511-01 - 1.2 Volt Self-Interrupting Oscillators
A220.261				CANCELLED			1000/20-Cycle Signaling Supply Circuit SD-55607-01 - 6-Volt Self-Interrupting Oscillators
Add. A220.270							Supply Circuits - 2400 or 2600 Cycle Single Frequency Signaling System
A220.270 CANCEL - SEE	179	301	501				
A220.271 CANCEL - SEE	179	312	502				2400- or 2600-Cycle Single-Frequency Signaling Circuits SD-56292-01 - In Service Tests Using Monitoring Circuit SD-56339-01 Toll Systems
Add. A220.272				CANCELLED			- Out of Service Tests - Using Signaling Testing Circuit SD-56335-01
A220.272 CANCEL - SEE	179	312	501				
A200. 400 TELEGRAPH REPEATERS AND ASSOCIATED EQUIPMENT							
Add. A220.421							No. 6A Transmission Measuring Set
A220.421				CANCELLED			
A220. 500 CARRIER SYSTEM AND ASSOCIATED EQUIPMENT							
→ A220.545 CANCEL - SEE	201	629	501				Alarm Trunk Circuit SD-64542-01 - Alarm Trunk Control Circuit SD-55055-01 - Alarm Trunk Switching Circuit SD-55859-01 - Alarm Trunk Station Selecting Circuit SD-55860-01
A220. 600 INTERTOLL DIALING							
Add. A220.612							Over-all Dialing Trunk Pulsing Tests - Type "B" CX and SX Signaling Circuits from Toll Testboards
A220.612 CANCEL - SEE	179	111	501				
Add. A220.613							- From Two-Way Trunk Test Jack
A220.613 CANCEL - SEE	179	113	501				
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A220. 600 INTERTOLL DIALING (CONTINUED)							
A220.615	CANCEL - SEE	227-120-500					Operation Tests for Dial or Automatic Manual Intertoll Trunks Having Selector Multiple Appearances - Using Test Circuit SD-64604-01
Add. A220.622							
A220.622	CANCEL - SEE		A220.615	ISSUE 4			Switching Trunk Operation Tests from Trunk Relay Rack - Using Test Circuit SD-64604-01
A220.625	CANCEL - SEE		A220.615	ISSUE 4			Trunks to Community Dial Offices - Operation Tests from Trunk Relay Rack - Using Test Circuit SD-64604-01
A220.631	CANCEL - SEE	227-125-500					Trunks to Toll Operator Using Test Circuit SD-64604-01
A220.633	CANCEL - SEE		A220.631	ISSUE 4			Intercepting Trunks from Selector Levels - Operation Tests Using Test Circuit SD-64604-01
A220.635	CANCEL - SEE		A220.631	ISSUE 4			Information Trunks from Selector Levels - Operation Tests Using Test Circuit SD-64604-01
A220.641	CANCEL - SEE	227-100-500					Intertoll Selectors Intertoll Through Selectors and Intertoll Auxiliary Selectors - Operation Test Using Test Circuit SD-64604-01
Add. A220.642							
A220.642	CANCEL - SEE		A220.641	ISSUE 5			Intertoll Transmission Selectors - Combined Intertoll and Intertoll Transmission Selector Operation Test Using Test Circuit SD-64604-01
A220.643	CANCEL - SEE		A220.641	ISSUE 5			Through Selector Operation Tests - Using Test Circuit SD-64604-01
Add. A220.644							
A220.644	CANCEL - SEE	227-100-502					Intertoll Dialing - Intertoll Selector Rotary Test Using Test Circuit SD-64604-01 With or Without Rotary Action Test Set SD-31616-01
A220.646	CANCEL - SEE	227-100-501					Selector Rotary Test - Using Test Circuit SD-64604-01 with No. 40C Test Set
Add. A220.647							
A220.647	CANCEL - SEE	227-120-505					Selector Pulsing Tests Using Pulse Repeating Test Set SD-64540-01 - With or Without Pulsing Test Set SD-31481-01 Step-by-Step Offices
Add. A220.648							
A220.648	CANCEL - SEE	227-100-506					Intertoll and Loop Dialing Toll Transmission and Toll Intermediate Selectors - Test C and S Leads

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A220.600 INTERTOLL DIALING (CONTINUED)							
Add. A220.651				CANCELLED			Intertoll Selector Trunks - Continuity
A220.651	CANCEL - SEE	027	130	500			Test - Using Test Circuit SD-64604-01
Add. A220.654							Intertoll Dialing Selector B and C
A220.654	CANCEL - SEE	227	100	504			Relay Timing Tests - Using Relay
							Timing Test Set SD-90418-01 and
							Pulse Repeating Test Set
							SD-64540-01
Add. A220.655							Selector Rotary and C Relay Timing
A220.655	CANCEL - SEE	227	100	503			Tests - Using Relay Timing Test
							Set SD-90418-01 and Toll Pulse
							Repeating Test Set SD-64540-01
A220.656	CANCEL - SEE	227	145	500			Intertoll Dialing - Intertoll Timing
							Circuit SD-64587-01
A220.659	CANCEL - SEE	227	100	507			Intertoll Selector Permanent Alarms
A220.661	CANCEL - SEE	227	115	500			Intertoll Rotary Out-Trunk Switch
							Test - Using Test Circuit
							SD-56118-01 - No. 3 Toll Board
Add. A220.662							- Using Test Circuit SD-56342-01
A220.662	CANCEL - SEE	227	115	501			- No. 1 Toll Switchboard
A220.681	CANCEL - SEE	227	135	500			Miscellaneous Tests for Intertoll
							Trunks - No. 1 and No. 3 Toll
							Offices
A220.682	CANCEL - SEE		A220.631	ISSUE 4			Trunks from Intertoll Selector Mul-
							tiples to Auxiliary Intertoll Selectors
							for Connection to Ringdown Intertoll
							Trunks - Operation Test, Using Test
							Circuit SD-64604-01
→ Add. A220.684							Type "B" CX, DX and SX Signaling Cir-
→ A220.684	CANCEL - SEE	179	115	501			cuits - Over-all Pulsing Tests -
							Using Pulse Repeating Test Set
							(SD-64504-01) on E and M Leads
→ A220.686	CANCEL - SEE	179	109	501			CX and SF Signaling Circuits - Using
							1A Signaling Test Set
A220.691	CANCEL - SEE	227	160	500			Directional Reservation Circuit
							(SD-56470-01) Intertoll - Toll
							Systems
A220.699		A	A	A3,E12	NS		Intertoll Dialing - Signal Path Pulsing
							Tests

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A220. 900 MISCELLANEOUS CIRCUITS AND EQUIPMENT							
A220.901	CANCEL - SEE	211-118	501				Alarm Circuits for the 40, 60 and 120 I.P.M. Interrupter Circuit SD-63367-01
A220.902	CANCEL - SEE	211-116	501				Alarm Circuits for the 30, 60 or 120 I.P.M. Interrupter, Transfer and Distributing Circuit SD-95078-01
A220.903	CANCEL - SEE	211-117	501				- Interrupter, Transfer, and Distributing Circuit SD-95099-01
A220.904	CANCEL - SEE	211-119	501				Alarm Circuits for the 60 I.P.M. Interrupter Relay Circuit SD-70136-01
A220.905	CANCEL - SEE	040-231	501				Polar Relays - Nos. 209, 215, 228A, 255A, Modified 228A (D-160118), and Similar Demountable Types
A220.915	CANCEL - SEE	211-114	501				Group Busy Time Registers (SD-63313-01), No. 1 and No. 3 Toll Offices
Add. A220.931	CANCEL - SEE	211-110	501				Link Allotter - Call Distribution Equipment
A220.932	CANCEL - SEE	211-112	501				Group and Position Allotters - Call Distribution Equipment
A220.936	CANCEL - SEE	227-110	500				Intertoll Dialing - Through Selector Group Busy and Overflow Circuit Operation Tests - Using Test Circuit SD-64604-01
A220.941	CANCEL - SEE	201-626	501				Telephone Order Wire - 600-1500 Cycle Selective Signaling
A220.956	CANCEL - SEE	227-105	500				Intertoll Selector Traffic Register Test
A220.961	CANCEL - SEE	201-631	501				C1 Alarm and Control System
A220.962	CANCEL - SEE	201-635	501				Sequence Signaling and Order Circuits - TD-2 Radio Relay System
A220.963	CANCEL - SEE	201-640	501				Television Order Circuits and Associated Equipment
A220.964	CANCEL - SEE	201-637	501				Distribution Fuse, Individual, Audible and Visual Alarm Circuit - TD Radio Systems
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A220. 900 MISCELLANEOUS CIRCUITS AND EQUIPMENT (CONTINUED)

A220.966 CANCEL - SEE 201-636-501

Remote Control Sending and Receiving
Directors and Associated Sequence
Signaling Circuits - TD-2 Radio
Relay Systems

→ Add. A220.971
→ A220.971 CANCEL - SEE 211-146-501

Incoming Trunks - Intertoll Trunk
Concentrating Equipment

Add. A220.973
A220.973 CANCEL - SEE 227-165-500

Controllers - Intertoll Trunk Con-
centrating Equipment

A220.981 CANCEL - SEE 201-633-501

D1 Alarm and Control System - Out
of Service Tests - Toll Systems

A220.982 CANCEL - SEE 201-634-501

D2 Alarm and Control Circuit and
Order Wire Circuit - Out of
Service Tests - Toll Systems

A224. TOLL OPERATING DESKS AND TESTBOARDS

A224. 000 TOLL OPERATING DESKS

A224.001 CANCEL - SEE 210-330-501

Toll Directory Desks - Nos. 31, 32,
33 and 33B - No. 1 and No. 3
Toll Offices

A224. 100 TESTBOARDS AND TESTING EQUIPMENT

Add. A224.101 CANCEL - SEE 032-323-501
A224.101

Patching Cords and Test Lines

A224.102 CANCEL - SEE 201-609-501

Low Insulation Alarm Circuit per
SD-62489-01

A224.103 CANCEL - SEE 201-611-501

Cable Gas Pressure Alarm and
Calling in Signal per SD-90412-01
or SD-95025-01

A224.107 CANCEL - SEE 201-613-501

Cable Protection Pressure Alarm and
Calling in Signal per SD-55211-01

A224.108 CANCEL - SEE 103-812-500

119A1 or 119A2 Telegraph Signal
Biasing Set

A224.124 CANCELLED

Nos. 6C, 6D and 6E Oscillators

A224.128 CANCELLED

No. 6010B Oscillator and No. 29A
Amplifier

A224.131 CANCELLED

No. 13A Oscillator

A224.151 CANCELLED

No. 4 Toll Testboard

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SECTION NO.	ATT	PNB	W-I	CODE	CODE	SUBJECT
A224. 100 TESTBOARDS AND TESTING EQUIPMENT (CONTINUED)						
A224.152				CANCELLED		No. 5 Toll Testboard
TEST AND CONTROL BOARD NO. 8						
A224.153	4	4	4	A3,E12		Testing and Connecting Cord Circuits Holding Circuits and Dial and Key- set Circuits - Using Test Circuit SD-61097-02 or SD-63971-01
A224.154	3	3	3	A3,E12		Voltmeter Testing Circuit per SD-62716-01
A224.155	2	2	2	A3,E12		Traffic and Plant Circuit Display Boards
A224.156	4	4	4	A3,E12		Patching Jack Board - Using Test Circuit SD-61097-02 or SD-63971-01
NOS. 16 AND 17 TOLL TESTBOARDS						
A224.171	1	1	1	A3,E12		No. 16 Toll Testboard
A224.172	1	1	1	A3,E12		Cord, Position, Dial, and Keypad Circuits Using Test Circuit SD-55056-01 17B Toll Testboard
A224.173	1	1	1	A3,E12		Cord, Position, Telephone, Dial and Keypad Circuit Tests - Using Test Circuit SD-61097-02 or SD-63971-01 - Toll Testboard No. 17B
A224.176	1	1	1	A3,E12		Patching Jack Board - Toll Test- board No. 17B
A224.178	1	NS				Cord and Position Circuits Continuity Tests - Using Test Circuit SD-55534-01- Toll Testboard No. 17C
NO. 18B TOLL TESTBOARDS						
A224.183	2	2	2	A3,E12		Cord and Key Pulsing Circuits - Continuity and Operation Tests - Using Test Circuit SD-63971-01 or SD-55056-01
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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A225 THROUGH A227

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SECTION NO.	ATT	PWB	W-I	CODE	Q	CODE	SUBJECT
A225. NO. 1 AND NO. 1B TOLL SWITCHBOARDS							
A225.000 CORD CIRCUITS - NO. 1 TOLL SWITCHBOARD							
→ A225.001	CANCEL - SEE	211	214	502			Semi-Automatic Test - High Impedance Cord Circuits - Using Test Circuit - SD-62140-01 or SD-62140-02
→ A225.002	CANCEL - SEE	211	214	501			Manual Test - High Impedance Cord Circuits - Using Test Circuit SD-62148-01 or SD-62148-02
→ A225.003	CANCEL - SEE	211	216	502			Semi-Automatic Test - High Impedance and Condenser Cord Circuits - Using Test Circuit SD-62140-02 or SD-64468-01
→ A225.004	CANCEL - SEE	211	216	501			Manual Test - High Impedance and Condenser Type Cord Circuits - Using Test Sets J68602AJ, 35 Type and Circuit SD-61423-01
→ A225.007	CANCEL - SEE	211	218	501			- Permanent Signal Cord Circuit
→ A225.010	CANCEL - SEE	211	212	502			Semi-Automatic Test - Test Circuit SD-62218-01 - Condenser Type Cord Circuits
→ A225.011	CANCEL - SEE	211	212	501			Manual Test - Condenser Type Cord Circuits
A225.030 CORD AND ASSOCIATED CIRCUITS - NO. 1B TOLL SWITCHBOARD							
→ A225.031	CANCEL - SEE	211	234	501			Operation Tests - Plug, Position and Trunk Circuits Using Test Set J64724
→ A225.032	CANCEL - SEE	211	234	502			A-C Continuity and Balance Tests - Plug and Position Circuits - Using Position Test Circuit
→ A225.033	CANCEL - SEE	211	230	501			Miscellaneous Position Tests
→ A225.034	CANCEL - SEE	211	250	501			Discriminating Circuit Tests - Using Test Circuit SD-64759-01
A225.100 LINE CIRCUITS							
→ A225.101	CANCEL - SEE	211	261	501			Ringdown Intertoll Trunks No. 1 Toll Offices
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A225. 200 TRUNK CIRCUITS							
A225.206	CANCEL	- SEE	211-152-501				Emergency Access Trunks to Inter-toll Trunks - Associated with No. 4-Type Toll Switching System from Toll Switchboards Nos. 1, 3, 3C, 3CL and 5
→ A225.232	CANCEL	- SEE	211-262-501				Toll Switching Trunks to Manual Offices
→ A225.237	CANCEL	- SEE	211-265-501				- To Panel and Crossbar Offices
→ A225.240	CANCEL	- SEE	211-264-503				- To Step-by-Step Offices - Operation and Coin Control Tests with Assistant at Local Office
→ A225.241	CANCEL	- SEE	211-264-502				- To Step-by-Step Offices - Operation and Coin Control Tests - Loop Back Method
→ A225.243	CANCEL	- SEE	211-264-501				- To Step-by-Step Offices - Operation and Coin Control Tests - Using Connector Multiple Test Line SD-31636-01
→ A225.244	CANCEL	- SEE	211-264-504				- To Step-by-Step Offices - Miscellaneous Tests
→ A225.248	CANCEL	- SEE	211-269-501				- Using MF Trunk Test Set SD-55922-01
→ A225.249	CANCEL	- SEE	211-268-501				- Using Combined DC MF Trunk Test Set SD-56147-01 - No. 1 Toll Switchboard
→ Add. A225.251							Outgoing and Two Way Intertoll
→ A225.251	CANCEL	- SEE	211-154-501				Trunks from No. 1, 3C or 3CL Switchboard in the Same Building with No. 5 Crossbar Office
→ A225.263	CANCEL	- SEE	211-163-501				Trunks to Community Dial Offices - Operation Tests - No. 1 Toll Switchboard
A225. 300 MISCELLANEOUS CIRCUITS							
→ A225.303	CANCEL	- SEE	211-235-501				No. 49 and No. 92 Type Switchboard Multiple Jack Tests - Using Position Test Circuit
→ A225.305	CANCEL	- SEE	211-236-501				Supervisor's Circuit
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A225. 300 MISCELLANEOUS CIRCUITS (CONTINUED)							
→ A225.310	CANCEL	- SEE	211-237-501				Operator's Telephone Circuits
→ A225.321	CANCEL	- SEE	211-231-501				Position Dial Circuits Used With Type A Cords
→ A225.322	CANCEL	- SEE	211-220-501				DC Keyset Circuit Tests - Using Test Circuit SD-56344-01
→ A225.325	CANCEL	- SEE	211-238-501				Peg Count Circuits
→ A225.336	CANCEL	- SEE	211-233-501				Position Coin Control - No. 1 Toll Switchboard
→ Add. A225.346							MF Key Set Circuit - No. 1 Toll Switchboard - Output Level 0 DBM per Frequency
→ A225.346	CANCEL	- SEE	211-222-501				
→ Add. A225.347							- No. 1B Toll Switchboard - Output Level 0 DBM per Frequency
→ A225.347	CANCEL	- SEE	211-226-501				
→ A225.348	CANCEL	- SEE	211-222-502				- No. 1 Toll Switchboard - Output Level 3 DBM per Frequency
→ A225.349	CANCEL	- SEE	211-226-502				- No. 1B Toll Switchboard - Output Level - 3 DBM per Frequency
A225.351	CANCEL	- SEE	211-150-501				Delay Quotation Trunks
→ A225.352	CANCEL	- SEE	211-221-501				A-C Key Pulsing Key Monitoring Circuit - No. 1 Toll Switchboard
→ A225.370	CANCEL	- SEE	211-239-501				Supplementary Outward Position Cabinet - No. 1 Toll Switchboard
A225. 500 KEY INDICATOR AND KEY PULSING EQUIPMENT							
→ A225.561	CANCEL	- SEE	211-160-501				DC Key Pulsing Senders Arranged for Revertive Pulses - Using Automatic Test Circuit SD-62059-011 - No. 1 and No. 3 Type Toll Switchboards
→ A225.562	CANCEL	- SEE	211-162-501				MF Key Pulsing Senders Arranged to Transmit Revertive Pulses - Using Automatic Test Circuit SD-56097-01 Nos. 1, 3, 3C and 3CL Toll Switchboards
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A225. 500 KEY INDICATOR AND KEY PULSING EQUIPMENT (CONTINUED)							
A225.563	CANCEL	- SEE	226-846	501			DC Key Pulsing Senders - Using Automatic Test Circuit SD-90424-01 - No. 1, No. 3 Type Toll Switchboards and Step-by-Step "A" Switchboards
A225. 600 INTERTOLL DIALING							
→ A225.605	CANCEL	- SEE	211-232	501			Cord and Position Dial Circuits
→ A225.625	CANCEL	- SEE	211-260	501			Intertoll Trunk Circuit Operation Tests from Switchboard Position in No. 1 Toll Office
A226. NOS. 3, 3B, 3C, 3CF, AND 3CL TOLL SWITCHBOARDS							
A226. 000 CORD, POSITION, ETC. CIRCUITS - NO. 3 TOLL SWITCHBOARD							
→ A226.001	CANCEL	- SEE	211-303	503			Cord Circuit Tests - Using Test Circuit SD-61097-01 or SD-61097-02
→ Add. A226.002							- Using Test Circuit SD-63971-01
→ A226.002	CANCEL	- SEE	211-303	504			
→ Add. A226.011							Position, Dial and D-C Keyset Circuit Tests - Using Test Circuit SD-61097-01 or SD-61097-02
→ A226.011	CANCEL	- SEE	211-315	502			
→ Add. A226.012							- Using Test Circuit SD-63971-01
→ A226.012	CANCEL	- SEE	211-315	503			
A226. 030 CORD, POSITION, ETC. CIRCUITS - NO. 3B TOLL SWITCHBOARD							
→ A226.031	CANCEL	- SEE	211-313	501			Operation Tests - Plug, Position and Trunk Circuits - Using Test Set J64724
→ A226.032	CANCEL	- SEE	211-312	501			A C Continuity and Balance Tests - Plug and Position Circuits - Using Position Test Circuit
→ A226.033	CANCEL	- SEE	211-316	501			Miscellaneous Position Tests
→ A226.034	CANCEL	- SEE	211-342	501			Discriminating Circuit Tests - Using Test Circuit SD-64759-01
→ A226.041	CANCEL	- SEE	211-338	501			Incoming Trunk and Position, Telephone, Discriminating and Dial Circuit - Emergency Toll Tandem Switchboard
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A226.050 CORD. POSITION. ETC. CIRCUITS - NO. 3C AND NO. 3CL TOLL SWITCHBOARDS							
→ A226.051 CANCEL - SEE	211	303	501				Cord Circuit Tests Using Test Circuit SD-55056-01
→ A226.052 CANCEL - SEE	211	315	501				Position, Dial and D-C Keypad Circuit Tests - Using Test Circuit SD-55056-01
A226.060 CORD. POSITION. ETC. CIRCUITS - NO. 3CF TOLL SWITCHBOARD							
→ A226.061 CANCEL - SEE	211	303	502				Cord Circuit Tests - Using Position Test Circuit
→ A226.062 CANCEL - SEE	211	314	501				Position and Dial Circuit Tests - Using Position Test Circuit
A226.100 LINE CIRCUITS							
→ A226.101 CANCEL - SEE	211	361	501				Ringdown Intertoll Trunks
A226.103				CANCELLED			20-Cycle D-C and 135-Cycle D-C Signaling Circuits - Using Test Circuit SD-62710-01 or SD-63670-01 - No. 3 and No. 11 Toll Offices
A226.105				CANCELLED			- Using Test Circuit SD-62708-01 or SD-63669-01 No. 3 and No. 11 Toll Offices
A226.106				CANCELLED			20-Cycle D-C Signaling Circuits - Using Test Circuit SD-62891-01 or SD-63671-01 - No. 3 and No. 11 Toll Offices
A226.107				CANCELLED			135-Cycle D-C Signaling Circuits - Using Test Circuit SD-62892-01 - No. 3 and No. 11 Toll Offices
A226.108				CANCELLED			1000-Cycle D-C Signaling Circuits - Using Test Circuit SD-62711-01 or SD-62711-02 - No. 3 and No. 11 Toll Offices
A226.111				CANCELLED			20-Cycle Line Signaling Equipment - Test Circuit SD-61085-01 - No. 3 and No. 11 Toll Offices
A226.112				CANCELLED			135-Cycle Line Signaling Equipment - Test Circuit SD-61085-01 - No. 3 and No. 11 Toll Offices
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A226. 100 LINE CIRCUITS (CONTINUED)							
A226.113				CANCELLED			1000-Cycle Line Signaling Equipment Test Circuit SD-61085-01 - No. 3 and No. 11 Toll Offices
A226.114				CANCELLED			20, 135 and 1000-Cycle D-C Signaling Circuits - Using A-C Relay and Signaling Test Set J68602AJ - Nos. 1, 3 and 11 Toll Offices
A226. 200 TRUNK CIRCUITS							
A226.201	1	1	1	A12,E13	NS		Operation Test of Recording Trunks Incoming From Manual and Step-by- Step "A" Switchboards - No. 3 Toll Office
A226.206	CANCEL - SEE	211-152	501				Emergency Access Trunks to Inter- toll Trunks - Associated with No. 4 Type Toll Switching System from Toll Switchboards Nos. 1, 3, 3C, 3CL and 5
→ A226.232	CANCEL - SEE	211-362	501				Toll Switching Trunks to Manual Offices - No. 3 Toll Switchboards
→ A226.237	CANCEL - SEE	211-365	501				Toll Switching Trunks to Panel and Crossbar Offices - No. 3, No. 3C, 3CF, and No. 3CL Toll Switch- boards
→ A226.240	CANCEL - SEE	211-364	503				- To Step-by-Step Offices - Operation and Coin Control Tests with Assistant at Local Office - No. 3, No. 3C and No. 3CF Toll Switchboards
→ A226.241	CANCEL - SEE	211-364	502				- To Step-by-Step Offices - Operation and Coin Control Tests - Loop Back Method - No. 3, No. 3C and No. 3CF Toll Switchboards
→ Add. A226.242							Outgoing Trunk and Link Circuit - Key Pulsing - No. 3 Toll Office
→ A226.242	CANCEL - SEE	211-346	501				
→ A226.243	CANCEL - SEE	211-364	501				Toll Switching Trunks to Step-by- Step Offices - Operation and Coin Control Tests - Using Connector Multiple Test Line SD-31636-01 - No. 3, No. 3C, No. 3CF and No. 3CL Toll Switchboards
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SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A226. 200 TRUNK CIRCUITS (CONTINUED)							
→ A226.244	CANCEL - SEE	211-364	504				- To Step-by-Step Offices - Miscellaneous Tests - No. 3, No. 3C and No. 3CF Toll Switchboards
→ A226.248	CANCEL - SEE	211-368	501				Over-all Tests of MF Toll Switching and Intertoll Trunks - No. 3, 3C or 3CL Switchboard
→ Add. A226.251							Outgoing and Two Way Intertoll Trunks from No. 1, 3C or 3CL Switchboard in the same Building with No. 5 Crossbar Office
→ A226.251	CANCEL - SEE	211-154	501				
→ A226.263	CANCEL - SEE	211-363	501				Trunks to Community Dial Offices - Operation Tests - Nos. 3, 3C, 3CF and 3CL Toll Switchboards
A226.265		1	1	A12,E13	NS		Operation Test of Interposition Trunks - No. 3 Toll Office
A226.270		1	1	A10,E13	NS		Operation Test of Trunks to Test Desks From No. 3 Toll Offices
A226. 300 MISCELLANEOUS CIRCUITS							
→ A226.303	CANCEL - SEE	211-318	501				No. 49 and No. 92 Type Switchboard Multiple Jack Tests - Using Position Test Circuit - Nos. 3, 3B and 3C Type Toll Switchboards
→ A226.304	CANCEL - SEE	211-317	501				Multiple Jack Tests - Using Position Test Circuit - No. 3CF Toll Switchboard
→ A226.305	CANCEL - SEE	211-325	501				Supervisor's Circuits - No. 3 Toll Office
→ A226.308	CANCEL - SEE	211-328	501				Operator's Telephone Circuit Tests - No. 3CF Toll Switchboard
→ A226.309	CANCEL - SEE	211-327	501				- No. 3C Toll Switchboard
→ A226.310	CANCEL - SEE	211-326	501				- No. 3 Toll Office
→ A226.325	CANCEL - SEE	211-330	501				Peg Count Circuits - No. 3 Toll Office
→ A226.336	CANCEL - SEE	211-332	501				Key-Monitoring Circuit - No. 3 Toll Office
→ Add. A226.346				CANCELLED			MF Key Set Circuit - No. 3, 3C and 3CL Toll Switchboard - Output Level 0 DBM per Frequency
→ A226.346	CANCEL - SEE	211-307	501				
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A226. 300 MISCELLANEOUS CIRCUITS (CONTINUED)							
→ A226.347	CANCEL - SEE	211-307	502				MF Key Set Circuit - No. 3, 3C and 3CL Toll Switchboard - Output Level - 3 DBM per Frequency
A226.351	CANCEL - SEE	211-150	501				Delay Quotation Trunks
→ A226.370	CANCEL - SEE	211-336	501				Supplementary Outward Position Cabinets - No. 3, 3C or 3CF Toll Switchboards
→ A226.371	CANCEL - SEE	211-340	501				Energized Training Circuits - No. 3CL Switchboard
A226.390		A	A	A12,E13	NS		Alarm Circuit Tests 40, 60, and 120 I.P.M. Interrupter per SD-66367-01 No. 3 Toll Offices
A226. 500 KEY INDICATOR AND KEY PULSING EQUIPMENT							
→ A226.561	CANCEL - SEE	211-160	501				DC Key Pulsing Senders Arranged for Revertive Pulses - Using Automatic Test Circuit SD-62059-011 - No. 1 and No. 3 Type Toll Switchboards
→ A226.562	CANCEL - SEE	211-162	501				MF Key Pulsing Senders Arranged to Transmit Revertive Pulses - Using Automatic Test Circuit SD-56097-01 - Nos. 1, 3, 3C and 3CL Toll Switchboards
A226.563	CANCEL - SEE	226-846	501				DC Key Pulsing Senders - Using Automatic Test Circuit SD-90424-01 - No. 1 and No. 3 Type Toll Switchboards and Step-by-Step "A" Switchboards
A226.566		A	A	A10,E13	NS		Key Pulsing Alarms
App. 1 A226.566		A	A		NS		
→ A226.570	CANCEL - SEE	211-344	501				Link Circuit SD-90705-01 Operation Tests
A226. 600 INTERTOLL DIALING							
→ A226.625	CANCEL - SEE	211-360	501				Intertoll Trunk Operation Tests from Switchboard Position in No. 3 Toll Office
→ A226.627	CANCEL - SEE	211-369	501				Key Pulsing Intertoll Trunk and Link Circuit Operation Tests - No. 3 Toll Office
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SECTION NO.	ATT	FNB	W-I	CODE	O	CODE	SUBJECT
A227. TOLL TANDEM EQUIPMENT AND NO. 6 TOLL SWITCHBOARD							
A227.000 CORD CIRCUITS - TOLL TANDEM SWITCHBOARDS NOS. 1 AND 3							
→	A227.002	CANCEL - SEE	211-104-501				Trouble Operator's Cord, Telephone and Grouping Circuits
A227.200 TRUNK CIRCUITS - TOLL TANDEM SWITCHBOARDS NOS. 1 AND 3							
→	A227.201	CANCEL - SEE	211-148-501				Toll Tandem Trunk Circuits
A227.300 MISCELLANEOUS CIRCUITS - TOLL TANDEM SWITCHBOARDS NOS. 1 AND 3							
→	A227.305	CANCEL - SEE	211-102-501				Supervisor's Circuits
→	A227.310	CANCEL - SEE	211-103-501				Operator's Control and Telephone Circuits
→	A227.312	CANCEL - SEE	211-105-501				Vacant Position Tone and Night Alarm Circuits - Automatic Listening Positions
→	A227.315	CANCEL - SEE	211-107-501				Common Overflow and Recorder Circuits
→	A227.320	CANCEL - SEE	211-106-501				Grouping and Splitting Circuits
→	Add. A227.346						MF Key Set Circuit - No. 1 Toll Tandem Switchboard - Output Level 0 DBM per Frequency
→	A227.346	CANCEL - SEE	211-228-501				
→	A227.347	CANCEL - SEE	211-228-502				- Output Level 3 DBM per Frequency
A227.600 NO. 6 TOLL SWITCHBOARD							
→	A227.601	CANCEL - SEE	211-505-502				Cord Circuit Tests - Using Test Circuit SD-61097-01 or SD-61097-02 - No. 6 Toll Switchboard in No. 3 Type Toll Offices
→	A227.602	CANCEL - SEE	211-505-503				- Using Test Circuits SD-63971-01 or SD-55056-01 - No. 6 Toll Switchboard in No. 3 Type Toll Offices
→	A227.603	CANCEL - SEE	211-505-501				- Using Test Circuit SD-55124-01 - No. 6 Toll Switchboard in No. 3 Type Toll Offices
→	A227.612	CANCEL - SEE	211-501-501				High Impedance Cord Circuits - Using Test Circuit SD-55124-01 and Manual Test Circuit SD-62148-01 or SD-62148-02 - No. 6 Toll Switchboard in No. 1 Type Toll Offices
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ISSUE - CODE							
SECTION NO.	ATT	FNB	W-I	CODE	0	CODE	SUBJECT
A227.600 NO. 6 TOLL SWITCHBOARD (CONTINUED)							
→ A227.613 CANCEL - SEE	211	501	502				High Impedance and Condenser Type Cord Circuits - Using Test Circuit SD-55124-01 and Semi-Automatic Test Circuit SD-62140-01, SD-62140-02 or SD-64468-01 - No. 6 Toll Switchboard in No. 1 Type Toll Offices
→ A227.614 CANCEL - SEE	211	501	503				High Impedance and Condenser Type Cord Circuits - Using Test Circuit SD-55124-01 and Voltage Test Set SD-63674-01 - No. 6 Toll Switchboard in No. 1 Type Toll Offices
→ A227.621 CANCEL - SEE	211	507	502				Position, Dial and Keyset Circuit Tests - Using Test Circuit SD-61097-01 or SD-61097-02 - No. 6 Toll Switchboard in No. 3 Type Offices
→ A227.622 CANCEL - SEE	211	507	503				- Using Test Circuit SD-63971-01 or SD-55056-01 - No. 6 Toll Switchboard in No. 3 Type Offices
→ A227.623 CANCEL - SEE	211	507	501				Position and Dial Circuit Tests - Using Test Circuit SD-55124-01 - No. 6 Toll Switchboard in No. 1 or No. 3 Type Toll Offices
→ A227.631 CANCEL - SEE	211	509	502				Operator's Telephone Circuit Test - Using Test Circuit SD-61097-01, SD-61097-02, SD-63971-01 or SD-55056-01 - No. 6 Toll Switchboard in No. 3 Type Toll Offices
→ A227.632 CANCEL - SEE	211	509	501				- Using Test Circuit SD-55124-01, No. 6 Toll Switchboard in No. 1 or No. 3 Type Toll Offices

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A228 THROUGH A229

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A228.) A229.)							
NOS. 4A AND 4M TOLL SWITCHING SYSTEMS							
A228.000 ONE - WAY INCOMING AND TWO - WAY TRUNKS, LINKS, CONNECTORS, AND ASSOCIATED CIRCUITS							
→ Add. A228.003							Incoming (One-Way) Intertoll Trunks
→ A228.003 CANCEL - SEE	212	530	501				- Using Test Circuit SD-68359-01
→ Add. A228.009							Two-Way Intertoll Trunks - Using
→ A228.009 CANCEL - SEE	212	580	501				Test Circuit SD-68359-01
→ Add. A228.013							Incoming Toll Tandem Trunks -
→ A228.013 CANCEL - SEE	212	534	501				Using Test Circuit SD-68359-01
→ A228.023 CANCEL - SEE	212	568	501				Outgoing Trunks from No. 5 Toll Switchboard Appearing on Incoming Link and Connector Frames - Using Test Circuit SD-68359-01
→ A228.051 CANCEL - SEE	212	315	501				Incoming Link and Connector
A228.100 INCOMING AND OPERATOR'S SENDERS, LINKS, CONTROLLERS - CONTROLLER CONNECTORS							
→ Add. A228.102.1							Incoming Senders and Multi-Frequency
→ A228.102.1 CANCEL - SEE	212	212	501				Receivers - Using Automatic Sender Test Frame SD-68226-01 - No. 4A Toll Switching System
→ Add. A228.102.2							- No. 4M Toll Switching System
→ A228.102.2 CANCEL - SEE	212	212	502				
→ A228.105 CANCEL - SEE	212	216	501				Incoming and CAMA Senders - Using Automatic Sender and Register Test Frame SD-68491-01
→ A228.110 CANCEL - SEE	212	319	501				Incoming Register Link - Miscellaneous Tests
→ A228.141 CANCEL - SEE	212	313	501				Operator, Repeater and Sender Link and Connector Circuits
→ A228.171 CANCEL - SEE	212	309	501				Controller Connector
Add. A228.176 A228.176				CANCELLED CANCELLED			Link Controller - Using Trunk Test Set
→ A228.177 CANCEL - SEE	212	311	501				Line Controller - Using the Link Controller Test Circuit
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	ATT	PWB	W-I	CODE	0	CODE	
A228.200 MARKERS, MARKER CONNECTORS AND TRUNK BLOCK CONNECTORS							
→ Add. A228.203							Marker - Using Decoder-Marker Test and Trouble Recorder Frame
→ A228.203	CANCEL	SEE	212-103-501				- Miscellaneous Tests
→ Add. A228.223							Manual Test of Marker Connector
→ A228.223	CANCEL	SEE	212-103-502				Manual Test of Trunk Block Connector
→ A228.253	CANCEL	SEE	212-303-501				Decoder - Using the Decoder Marker Test and Trouble Recorder Circuit
→ A228.271	CANCEL	SEE	212-307-501				- Miscellaneous Tests
→ A228.281	CANCEL	SEE	212-115-501				Decoder Connectors
→ A228.282	CANCEL	SEE	212-115-502				Cord Translator - Using Trouble Recorder Frame and Miscellaneous Tests
→ Add. A228.285							- Using Card Translator Test Set SD-68458-01 (J67453A)
→ A228.285	CANCEL	SEE	212-301-501				Translator Connectors
→ A228.291	CANCEL	SEE	212-120-502				Outgoing Senders - Using Automatic Sender Test Frame
→ Add. A228.292							- Using Automatic Outgoing Sender Test Frame
→ A228.292	CANCEL	SEE	212-120-501				
→ A228.295	CANCEL	SEE	212-305-501				
A228.400 OUTGOING SENDERS							
→ A228.401	CANCEL	SEE	212-224-501				
→ Add. A228.402							
→ A228.402	CANCEL	SEE	212-220-501				
A228.600 OUTGOING TRUNKS, LINKS, CONNECTORS, AND ASSOCIATED CIRCUITS							
→ Add. A228.603							Outgoing (One-Way) Intertoll Trunks - Using Test Circuit SD-68359-01
→ A228.603	CANCEL	SEE	212-560-501				Toll Switching, TX and Miscellaneous Outgoing Trunks Arranged for MFP, RP, DP, CI and CA Operation - Using Test Circuit SD-68076-01 or SD-68373-01 - No. 4A and 4M Toll Switching Systems
→ Add. A228.621							Toll Switching Trunks Employing Outgoing Senders or Arranged for MF Pulsing - Using Test Circuit SD-68076-01
→ A228.621	CANCEL	SEE	212-566-501				Toll Switching and Miscellaneous Outgoing Trunks Not Employing Senders and Not Arranged for MF Pulsing - Using Test Circuit SD-68076-01
→ A228.626	CANCEL	SEE	212-566-502				
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	ATT	PNB	W-I	CODE	0	CODE	
A228.600 OUTGOING TRUNKS, LINKS, CONNECTORS, AND ASSOCIATED CIRCUITS (CONTINUED)							
→	A228.633	CANCEL - SEE	212-565	501			Outgoing Toll Tandem Trunks to Toll Tandem Switchboards - Using Test Circuit SD-68359-01
→	A228.643	CANCEL - SEE	211-150	501			Announcement Trunks - Toll Offices
→	A228.644	CANCEL - SEE	212-528	501			Announcement Connecting Trunk
→	A228.646				CANCELLED		Outgoing Trunks - Using Manual Outgoing Trunk Test Frame SD-95476-01
→	A228.651	CANCEL - SEE	212-317	501			Outgoing Link and Connector
A228.900 TRANSVERTERS AND TRANSVERTER CONNECTORS AND CAMA							
→	A228.901	CANCEL - SEE	212-703	501			CAMA Line Observing Number Matching - Miscellaneous Tests
→	A228.902	CANCEL - SEE	212-745	502			Billing Indexer - Miscellaneous Tests - Crossbar Tandem Offices
→	A228.903	CANCEL - SEE	212-745	501			- Using Automatic Incoming Sender and Register Test Frame SD-68491-01
→	A228.905	CANCEL - SEE	212-735	501			Transverter - Using Automatic Incoming Sender and Register Test Frame SD-68491-01
→	A228.906	CANCEL - SEE	212-735	502			- Miscellaneous Tests
→	A228.907	CANCEL - SEE	212-737	501			Transverter Connector
→	A228.910	CANCEL - SEE	212-713	502			CAMA Calls Waiting Signal Circuit and CAMA 2-Way Signaling Circuit - Manual Tests
→	A228.911	CANCEL - SEE	212-710	501			CAMA Switchboard Suspension
→	A228.913	CANCEL - SEE	212-712	501			CAMA Position Link Circuit - Using Incoming Sender and Register Test Frame - SD-68491-01
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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	O	CODE	
A228. 900 TRANSVERTERS AND TRANSVERTER CONNECTORS AND CAMA (CONTINUED)							
→	A228.914	CANCEL - SEE	212-711-501				CAMA Position Circuit Using Incoming Sender and Register Test Frame SD-68491-01
→	Add. A228.915						
→	A228.915	CANCEL - SEE	212-712-502				CAMA Position Link and Controller - Miscellaneous Tests
→	A228.916	CANCEL - SEE	212-760-501				CAMA Incoming Trunks - Using CAMA Incoming Trunk Test Circuit
→	A228.918	CANCEL - SEE	212-725-501				CAMA Incoming Dial Pulse Register - Using Automatic Incoming Sender and Register Test Frame SD-68491-01
→	A228.921	CANCEL - SEE	212-730-501				CAMA Sender Link and Connector Circuit
→	A228.926	CANCEL - SEE	212-736-501				Trunk Class Translator Circuit
→	Add. A228.932						
→	A228.932	CANCEL - SEE	212-740-501				Recorder and Recorder Connector Circuit
A229. 500 NO. 5 TOLL SWITCHBOARD AND NO. 3A TOLL CABINET							
→	A229.548	CANCEL - SEE	212-569-501				Outgoing Trunks from No. 5 Toll Switchboards (Not Appearing on Incoming Frames) to Toll Tandem and Toll Switchboards - Using Test Circuit SD-68359-01
→	A229.549	CANCEL - SEE	211-430-501				Outgoing Trunk Circuits Not Appearing on Incoming Link Frames and Not Equipped with Test Jacks - Toll Switchboard No. 5
→	A229.551	CANCEL - SEE	211-405-501				Cord Circuits - Using Position Test Circuit SD-68156-01 - No. 5 Toll Switchboard
→	A229.556	CANCEL - SEE	211-152-501				Emergency Access Trunks to Intertoll Trunks - Associated with No. 4-Type Toll Switching System from Toll Switchboards Nos. 1, 3, 3C, 3CL and 5
→	A229.563	CANCEL - SEE	212-536-501				Incoming Trunks to No. 5 Toll Switchboard from Toll Switchboards - Using Test Circuit SD-68359-01
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A229.500 NO. 5 TOLL SWITCHBOARD AND NO. 3A TOLL CABINET (CONTINUED)							
→ A229.564	CANCEL - SEE	211-435-501					Incoming Trunk Circuits Not Appearing on Incoming Link Frames and Not Equipped with Test Jacks - Toll Switchboard No. 5
→ A229.566	CANCEL - SEE	211-420-501					Interposition Trunk Circuit - Toll Switchboard No. 5
→ A229.572	CANCEL - SEE	211-407-501					Multiple Jack Test - Using Test Circuit SD-68156-01 - No. 5 Toll Switchboard
→ A229.576	CANCEL - SEE	211-402-501					Operator's Telephone Circuit - Using Test Circuit SD-68156-01 - No. 5 Toll Switchboard
→ A229.581	CANCEL - SEE	211-403-501					Position and Key Set Circuits - Using Position Test Circuit SD-68156-01 - No. 5 Toll Switchboard
A229.591				CANCELLED			No. 3A Toll Cabinet
A229.600 TESTING EQUIPMENT							
→ A229.601	CANCEL - SEE	212-101-501					Decoder-Marker Test and Trouble Recorder Circuit - Link Controller Test Circuit Transverter Group Trouble Recorder Connector Circuit
→ A229.605	CANCEL - SEE	212-505-501					Automatic Outgoing Intertoll Trunk Test Frame
→ A229.606	CANCEL - SEE	212-507-501					Automatic Outgoing Toll Connecting Trunk Test Circuit
→ Add. A229.611							Outgoing Revertive and PCI Sender Test Frame SD-68372-01
→ A229.611	CANCEL - SEE	212-213-501					
→ Add. A229.612							Incoming Sender Test Frame SD-68226-01
→ A229.612	CANCEL - SEE	212-210-501					
→ A229.613	CANCEL - SEE	212-222-501					Outgoing Sender Test Frame - SD-68075-01 - No. 4M Toll Switching System
→ A229.619	CANCEL - SEE	211-401-501					Position Test Circuit - No. 5 Toll Switchboard
→ A229.621	CANCEL - SEE	212-106-501					Frame Identification Frequency Supply Test Set
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A229. 600 TESTING EQUIPMENT (CONTINUED)							
→ A229.623 CANCEL - SEE	212	503	501	220-460	501		Automatic Transmission Test and Control Circuit and Associated Amplifiers and Amplifier-Rectifier
→ Add. A229.626							Incoming Sender and Register Test
→ A229.626 CANCEL - SEE	212	214	501				Frame - SD-68491-01
→ Add. A229.701							CAMA Incoming Trunk Test Circuit
→ A229.701 CANCEL - SEE	212	513	501				
A229. 800 MISCELLANEOUS TESTS							
→ A229.801 CANCEL - SEE	212	107	501				Frame Identification Frequency Supply Circuit
→ A229.802 CANCEL - SEE	212	108	502				- Miscellaneous Tests
→ A229.817 CANCEL - SEE	212	340	501				Traffic Registers - (SD-68060-01)
→ A229.823 CANCEL - SEE	212	342	501				Plant Registers
→ A229.831 CANCEL - SEE	212	564	501				Outgoing Toll Connecting Trunks Over-All 1000 Cycle Transmission Tests
→ A229.832 CANCEL - SEE	212	532	501				Incoming Toll Connecting Trunks - Transmission and Pad Tests - Using Test Trunk Circuit SD-68547-01 - No. 4A and 4M Toll Switching Systems
→ A229.836 CANCEL - SEE	212	335	501				Motor Stop Alarm
→ A229.841 CANCEL - SEE	212	330	501				Fuse Alarms
→ A229.846 CANCEL - SEE	212	522	501				Outgoing Trunk Identification Circuit No. 4A and 4M Toll Switching Systems
→ A229.847 CANCEL - SEE	212	524	501				Camp-on Circuit - Miscellaneous Tests - No. 4A or 4M Toll Switching Systems
→ A229.861 CANCEL - SEE	212	204	501				Sender Traffic Control Circuit
→ A229.871 CANCEL - SEE	212	203	501				Sender Attachment Delay Recorder

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SECTION NO.	ISSUE - CODE						SUBJECT
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STEP - BY - STEP CALL INDICATOR							
A230.451	1	NS					Trunk Test
A230.455	2	NS					Recorder Tests
A230.461	1	NS					Operation Test of Recorder Finder Selectors
A230.462	1	NS					High and Low Voltage Test of No. 200 Type Selectors
A230.463	1	NS					Auxiliary Tests
A230.500 KEY INDICATOR EQUIPMENT							
A230.501	1	NS					Sender Circuit Test
A230.511	1	NS					Link Circuit Tests from Frame
A230.521	1	NS					Trunk Indicator Circuit Test
A230.531	1	NS					O.G.T. Circuit Tests from Switch-board
A230.532	1	NS					O.G.T. Circuit Test from Frame
A230.541	1	NS					Alarm Circuit Tests
A230.551	1	NS					All Busy Register Tests
A234. NO. 9C MANUAL COMMON BATTERY OFFICE							
A234.000 CORD CIRCUITS							
A234.001	1	1	NS		1	A13	Supervisory Signals and Drops - Cord Circuits
A234.005	1	1	NS		1	"	Cord Circuits - Features Other Than Supervisory Signals
A234.100 SUBSCRIBER LINE CIRCUITS							
A234.101	1	1	NS		1	A13	Subscriber Line Circuits
A234.200 TRUNK CIRCUITS							
OUTGOING TRUNKS							
A234.245	1	1	NS		1	A13	Intertoll Dialing Trunks - Intertoll Trunk Operation Tests from Switchboard in No. 9C Offices
				Printed in U.S.A.			
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ISSUE - CODE

SECTION NO.

SUBJECT

A235. NO. 10 MANUAL COMMON BATTERY OFFICE

A235. 000 CORD CIRCUITS

Add. A235.005
A235.005

ATT	PNB	W-I	CODE	O	CODE
2	A	A	A13	NS	
2	2	2			
2	2	2	A13	NS	
1	1	1	A13	NS	
2	2	2	A13	NS	
1	1	1	A13	1	A13
2	2	2	A13	NS	
1	1	1	A13	1	"
1	1	1	A13	1	"
2	2	2	A13	2	"
1	1	1	A13	NS	
4	NS		CANCELLED		
4	NS		CANCELLED		

Cord Circuits - Features Other than
Supervisory Relays - No. 1D and
No. 10 Switchboards

A235. 100 SUBSCRIBER LINE CIRCUITS

A235.101

Subscriber Line Circuit Relays

A235. 300 MISCELLANEOUS CIRCUITS

A235.303

Operator's Telephone Circuits

A237. NO. 12 MANUAL COMMON BATTERY OFFICE

A237.001

Cord Circuits with Drops

A237.002

Cord Circuits with Lamp Ringdown
Supervisory Signals

A237.011

Line and Trunk Circuit Tests

A237.012

- Using Test Circuit SD-15174-01

A237.031

Operator's Telephone Set and Opera-
tor's Telephone Circuit

A237.041

Night Alarm Circuit

A237.341

Manual Test of Line Load Control
Equipment

A238. COMMON TO ALL MANUAL COMMON BATTERY OFFICES

A238. 200 TRUNK CIRCUITS

→ A238.241

Operation Test - Dialing and Key
Pulsing District and Incoming
Selectors - Dialing and Key
Pulsing Trunks from Panel
Switchboards - Outgoing Dialing
Trunks to Panel Offices from
Manual Switchboards

→ A238.242

Brush Continuity Test - Dialing and
Key Pulsing District and Incoming
Selectors - Dialing and Key Pulsing
Trunks from Panel Switchboards -
Outgoing Dialing Trunks to Panel
Offices from Manual Switchboards

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A250 THROUGH A259

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	H-I	CODE	O	CODE	SUBJECT
A250. STEP - BY - STEP OFFICES - SUBSCRIBER LINE AND ASSOCIATED EQUIPMENT							
A250.000 LINE SWITCH OFFICES							
→ A250.001 CANCEL - SEE	225	105	500				Primary Line Switch and Master Switch Operation Test - (Plunger Type)
→ Add. A250.005							Primary Line Switch Relay Test
→ A250.005 CANCEL - SEE	225	100	500				(Plunger Type) - Operation Tests
→ Add. A250.013							Individual Line Message Rate Trunks
→ A250.013 CANCEL - SEE	225	135	500				- Line Switch Type - Operation Tests Using Test Set ES-30290-01
→ A250.017 CANCEL - SEE	225	105	501				Primary Line and Master Switch (Plunger Type) - Traffic Register Operation Test
→ A250.021 CANCEL - SEE	225	110	501				Secondary Line and Master Switches Without Allotters (Plunger Type) - Operation Test
→ A250.022 CANCEL - SEE	225	110	500				- With Allotters - Operation Tests
→ A250.037 CANCEL - SEE	225	110	502				All-Trunks-Busy Traffic Register Circuit Test - Secondary Line Switch
A250.100 LINE FINDER OFFICES							
→ Add. A250.101							Line Finders - Operation Tests - Using Individual Message-Rate Type Test Set ES-30417-01 (X61351) SD-31246-01 (J34703A), or SD-31524-01 (J34718A)
→ A250.101 CANCEL - SEE	226	200	505				
→ Add. A250.102							- Using Test Set SD-90210-01 (J34704A) or SD-90416-01 (J94704A)
→ A250.102 CANCEL - SEE	226	200	507				
→ A250.103 CANCEL - SEE	226	200	506				- Rapid Operation Tests - Using Test Set SD-31725-01 (J34721A)
→ Add. A250.104							- Operation Tests - Using 2-Party Message Rate Type Test Set SD-31456-01 (J34715A)
→ A250.104 CANCEL - SEE	226	200	502				
→ Add. A250.106							- Line Tests - Using Test Set SD-90210-01 (J34704A)
→ A250.106 CANCEL - SEE	226	200	508				
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FTB	N-I	CODE	0	CODE	SUBJECT
A250.100 LINE FINDER OFFICES (CONTINUED)							
→ Add. A250.107							- Line Tests - Using Individual
→ A250.107 CANCEL - SEE	226	200	510				Message Rate Type Test Set
							ES-30417-01 (X61351),
							SD-31246-01 (J34703A) or
							SD-31524-01 (J34718A)
→ Add. A250.108							- Line Test - Using 2-Party
→ A250.108 CANCEL - SEE	226	200	509				Message Rate Type Test Set -
							SD-31151-01 (X61404A),
							SD-31258-01 (J34702A) or
							SD-31456-01 (J34715A)
→ A250.109 CANCEL - SEE	226	215	500				Line and Trunk Finder Group and
							Chain Circuit
→ Add. A250.110							Line Finder Operation Tests - Using
→ A250.110 CANCEL - SEE	226	200	504				Trunk Test Set SD-90469-01
→ Add. A250.111							- Using Trunk Test Set
→ A250.111 CANCEL - SEE	226	200	501				SD-90469-02 (J94710A)
→ Add. A250.112							- Using 2-Party Message Rate
→ A250.112 CANCEL - SEE	226	200	503				Type Test Set - SD-31151-01
							(X61404A) or SD-31258-01
							(J34702A)
→ Add. A250.113							Individual Line Message-Rate Trunks
→ A250.113 CANCEL - SEE	226	565	500				- Line Finder Type - Operation
							Tests Using Individual Line
							Message-Rate Type Test Set -
							ES-30417-01 (X61351), SD-31246-01
							(J34703A), or SD-31524-01
							(J34718A)
→ Add. A250.116							- Operation Test Using 2-Party
→ A250.116 CANCEL - SEE	226	565	501				Message-Rate Type Test Set
							SD-31151-01 (X61404A),
							SD-31258-01 (J34702A) or
							SD-31456-01 (J34715A)
→ A250.117 CANCEL - SEE	226	566	501				2-Party Message Rate Trunks -
							Operation Tests - Using Test Set
							SD-31456-01, SD-31258-01 or
							SD-31151
→ Add. A250.119							- Pulsing Tests - Per Cent Break
→ A250.119 CANCEL - SEE	226	566	500				Method
→ A250.121 CANCEL - SEE	226	569	500	226-700	500		Line and Trunk Finder Traffic
							Register Test

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COMPANY or AREA						
ISSUE - CODE						
SECTION NO.	ATT	PTB	H-I	CODE	O	CODE
SUBJECT						
A250. 100 LINE FINDER OFFICES (CONTINUED)						
→ Add. A250.151						
→ A250.151 CANCEL - SEE	226	210	500			
Normal Post Spring Operation Tests - Line Finders Serving Two Classes of Lines						
A251. STEP - BY - STEP OFFICES - ALARMS AND SIGNALS						
→ A251.014 CANCEL - SEE	226	803	500			
Selector, Connector, P.B.X. Trunks and Reverting Call Selector - Permanent Alarms						
→ Add. A251.015						
→ A251.015 CANCEL - SEE	226	800	500	227-185-500		
Switch Trouble and Fuse Alarms						
→ A251.016 CANCEL - SEE	226	801	500	227-186-500,		
				227-515-500		
Miscellaneous Circuits - Trouble and Fuse Alarms						
A251.028	1	NS				
Test of Motor Stop Alarm - Step-by- Step "B" Switchboard						
→ A251.032 CANCEL - SEE	226	802	500			
Cable Protective Device Alarm; Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 - Step-by-Step and Community Dial Offices						
A252. STEP - BY - STEP OFFICES - SELECTORS						
A252. 000 SELECTORS - GENERAL						
→ A252.001 CANCEL - SEE	226	305	500			
Selector Operation Test - Using Dial Hand Test Set or No. 40C Test Set						
→ A252.002 CANCEL - SEE	226	305	503			
Local Selector Operation Test - Using Test Set SD-90210-01 (J34704A) or SD-90416-01 (J94704A) - No. 350 Offices and No. 360 Community Dial Offices						
→ Add. A252.003						
→ A252.003 CANCEL - SEE	226	330	502			
Selector Repeater Operation Tests - No. 350A or 355A Step-by-Step Offices - Using Test Set SD-31858-01, SD-90469-01 or SD-90469-02						
→ Add. A252.005						
→ A252.005 CANCEL - SEE	226	300	501			
Selector Rotary Test - Using Dial Hand Test Set						
→ Add. A252.007						
→ A252.007 CANCEL - SEE	226	300	504			
- Using Test Set SD-31616-01						
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	N-I	CODE	0	CODE	SUBJECT
A252.000 SELECTORS - GENERAL (CONTINUED)							
→ Add. A252.008							- Using Test Set per ES-30068-01
→ A252.008 CANCEL - SEE	226	300	505				or SD-31115-01
A252.009				CANCELLED			Selector Varying Tests
Add. A252.010				CANCELLED			Selector Pulsing Tests - Using
→ A252.010 CANCEL - SEE	226	300	500				Pulsing Test Set SD-31481-01
→ A252.012 CANCEL - SEE	226	527	500				Selector Trunk Continuity Test -
							Using Dial Hand Test Set
→ A252.013 CANCEL - SEE	226	527	501				- Using ES-30096-01 Test Set
A252.014				CANCELLED			Selector B Relay Release Test
Add. A252.015				CANCELLED			Selector B and C Relay Timing Tests
→ A252.015 CANCEL - SEE	226	300	507				- Using Relay Timing Test Set
							SD-90418-01
Add. A252.016				CANCELLED			Selector Rotary and C Relay Timing
→ A252.016 CANCEL - SEE	226	300	506				Tests - Using Relay Timing Test
							Set SD-90418-01
→ A252.017 CANCEL - SEE	226	700	501				Selector Traffic Register Test
→ Add. A252.018							Selector Rotary Test - Using No. 40C
→ A252.018 CANCEL - SEE	226	300	503				Test Set
Add. A252.019				CANCELLED			Selector Repeater Rotary and C Relay
→ A252.019 CANCEL - SEE	226	330	501				Timing Tests - Using Relay
							Timing Test Set SD-90418-01
							(J94713A)
→ A252.085 CANCEL - SEE	226	325	500				Code Selector - Call Through Tests
							from Associated Auxiliary Trunk
							Circuit Using Dial Hand Test Set
A252.100 TOLL SELECTOR TESTS							
→ Add. A252.101							Repeated Dialing Toll Transmission
→ A252.101 CANCEL - SEE	226	310	505				Selectors - Operation Test - Using
							Toll Train and Coin Box Trunk
							Test Set ES-241636
→ Add. A252.102							Loop and Repeated Dialing Toll
→ A252.102 CANCEL - SEE	226	315	500				Transmission Selectors - Operation
							Test - Using Trunk Test Set
							SD-90469-01 or SD-90469-02
							(J94710A)
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				U.S.A			

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A252.100 TOLL SELECTOR TESTS (CONTINUED)							
→ Add. A252.103							Loop and Repeated Dialing A-B Toll Transmission Selectors - Operation Tests - Using Trunk Test Set J94710A
→ A252.103 CANCEL - SEE	226	315	500				
→ Add. A252.108							Loop Dialing Toll and A-B Toll Transmission Selectors and Other Selectors with Loop Compensating Resistances - Pulsing Tests - Using Pulsing Test Set SD-31481-01
→ A252.108 CANCEL - SEE	226	315	502	CANCELLED			
→ A252.109 CANCEL - SEE	226	310	507				Toll Transmission Selector Coin Control Test - Associated Jack Method - Repeated Dialing Equipment
→ Add. A252.111.1							Loop Dialing Toll Transmission Selectors - Operation Tests - Using Test Set SD-30387-01 (J34713A)
→ A252.111.1 CANCEL - SEE	226	310	501				
→ Add. A252.111.2							- Using Test Set ES-30007-01 (X61341) SD-30387-01 or ES-30007-01
→ A252.111.2 CANCEL - SEE	226	310	502				
A252.112	2	NS					Toll or A-B Toll Transmission Selectors - No. 360-A Step-by-Step Office
→ Add. A252.113							Loop Dialing A-B Toll Transmission Selectors - Operation Tests - Using Test Set SD-30387-01 (J34713A) or ES-30007-01 (X61341)
→ A252.113 CANCEL - SEE	226	315	501				
→ Add. A252.115							Toll Transmission Selectors, Loop Dialing Coin Control, Associated Jack Method - Using Test Sets per ES-30007-011 or SD-30387-011
→ A252.115 CANCEL - SEE	226	310	503				
→ Add. A252.117							Toll and A-B Toll Transmission Selectors - Operation Tests - Using Test Set SD-90416-01 (J94704A)
→ A252.117 CANCEL - SEE	226	315	503				
→ Add. A252.118							Intertoll and Loop Dialing Toll Transmission and Toll Intermediate Selectors - Test of C and S Leads
→ A252.118 CANCEL - SEE	226	318	500	226-543-500			
→ A252.120 CANCEL - SEE	226	542	500				Loop and Repeated Dialing Toll Intermediate Selectors - Trunk Continuity and Polarity Test Using Test Set SD-90469-01 or SD-90469-02
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PTB	W-I	CODE	0	CODE	
A252. 100 TOLL SELECTOR TESTS (CONTINUED)							
→ A252.121	CANCEL - SEE	226	541	500			Toll and A-B Toll Transmission Selectors - Loop Dialing Trunk Continuity Test - Using Test Set J94710A
→ A252.122	CANCEL - SEE	226	539	500			Toll Transmission Selectors - Repeated Dialing Trunk Continuity Test - Using Test Set J94710A
→ A252.123	CANCEL - SEE	226	540	500			A-B Toll Transmission Selectors - Repeated Dialing Trunk Continuity Test - Using Test Set J94710A
A253. STEP - BY - STEP OFFICES - CONNECTORS							
→Add. A253.001							Local Connector Operation and Pulsing Tests - Using Connector Test Set SD-30502-01 (J34711A) and Pulsing Test Set SD-31481-01 (J34717A)
→ A253.001	CANCEL - SEE	226	415	501			
→Add. A253.002							Local Connector Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02 - No. 350A Community Dial Offices
→ A253.002	CANCEL - SEE	225	200	500			
→ A253.003	CANCEL - SEE	226	415	500			Local Connector Operation and Pulsing Tests - Using Connector Test Set SD-31637-01 or SD-31637-02 and Pulsing Test Set SD-31481-01
→ A253.004	CANCEL - SEE	226	415	504			Local and Combination Connectors - Rapid Operation Test - Using Connector Test Set SD-31637-01 or SD-31637-02 and Pulsing Test Set SD-31481-01
→Add. A253.005							Connector Operation Test - A.E. Co's Test Set
→ A253.005	CANCEL - SEE	226	400	503			
→ A253.006	CANCEL - SEE	226	415	502			Rapid Operation Test - Local and Combination Connectors - Using Dial Hand Test Set
→ A253.007	CANCEL - SEE	226	415	507			Connector Operation Test - Using Test Set SD-90210-01 or SD-90416-01 - 350 and 350 Community Dial Offices
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FIN	N-I	CODE	0	CODE	SUBJECT
A253. STEP - BY - STEP OFFICES - CONNECTORS (CONTINUED)							
→ Add. A253.008							Rapid Operation Test - Local and Combination Connectors - Using Connector Test Set SD-30502-01 (J34711A) and Pulsing Test Set SD-31481-01 (J34717A)
→ A253.008 CANCEL - SEE	226	415	503				
→ A253.009 CANCEL - SEE	226	415	506				Local Connector Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) and Test Line SD-32198-01
→ A253.010 CANCEL - SEE	226	400	500				
A253.013				CANCELLED			Connector Varying Test
A253.014				CANCELLED			Connector B Relay Release Test
→ Add. A253.015							Connector, Test Distributor and 8 and 10-Party Reverting Call Selector Timing Tests - Using Relay Timing Test Set SD-90418-01
→ A253.015 CANCEL - SEE	226	340	511,	226-400-501,			
			226-828-501				
→ Add. A253.020							Toll Connector Operation Tests - Using Test Set SD-90416-01 - 360 Community Dial Offices
→ A253.020 CANCEL - SEE	225	505	500				
→ Add. A253.021							Loop Dialing Toll Connectors - Operation Tests - Using Test Set SD-30387-01 or ES-30007-01
→ A253.021 CANCEL - SEE	226	430	501				
→ Add. A253.022							Loop Dialing Toll Level Hunting Connectors - Operation Tests - Using Test Set SD-30387-01 or ES-30007-01
→ A253.022 CANCEL - SEE	226	435	500				
→ Add. A253.023							Toll Connector Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02 - No. 350A Community Dial Offices
→ A253.023 CANCEL - SEE	225	205	500				
→ Add. A253.024							- Using Test Set SD-90416-01 - No. 350A Community Dial Offices
→ A253.024 CANCEL - SEE	225	205	501				
→ Add. A253.025							Repeated Dialing Toll Connectors - Operation Tests - Using Toll Train and Coin Box Trunk Test Set ES-241636
→ A253.025 CANCEL - SEE	226	430	502				
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PTB	W-I	CODE	O	CODE	
A253. STEP - BY - STEP OFFICES - CONNECTORS (CONTINUED)							
→ A253.028	CANCEL - SEE	226	430	500			Loop Dialing Toll Connectors - Operation and Pulsing Tests - Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A) and Pulsing Test Set SD-31481-01 (J34717A)
→ A253.030	CANCEL - SEE	226	425	500			Toll Connector Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02 and Test Line SD-32198-01
→ A253.031	CANCEL - SEE	226	700	502			Connector Traffic Register Test
→ A253.032	CANCEL - SEE	226	415	505			Local and Combination Connectors - Local Operation Tests - Using Test Set SD-90210-01 (J34704A) or SD-90416-01 (J94704A) and Test Line SD-32198-01
→ A253.033	CANCEL - SEE	225	205	502			Toll Combination Connectors - Toll Operation Tests - Using Test Set SD-90416-01 (J94704A) and Test Line SD-32198-01
→ Add. A253.034							
→ A253.034	CANCEL - SEE	226	435	501			Loop Dialing Toll Level Hunting Connectors - Operation Tests - Using Connector Test Set SD-31637-01 or SD-31637-02
→ Add. A253.036							
→ A253.036	CANCEL - SEE	226	410	500			Local Level Hunting Connector Operation Test Set SD-31637-01 or SD-31637-02
→ Add. A253.037							
→ A253.037	CANCEL - SEE	226	410	501			Local Level Hunting Connector Operation Tests - Using Connector Test Set SD-30502-01 (J34711A)
→ A253.039	CANCEL - SEE	226	440	500			Coin Connector and Associated Coin Control Trunk Circuit - Coin and Rering Tests - Step-by-Step and Community Dial Office
A254. STEP - BY - STEP OFFICES - REPEATERS AND OUT TRUNK EQUIPMENT							
A254.000 REPEATERS							
→ A254.001	CANCEL - SEE	226	508	500			Operation Test of Trunks to Machine Switching Offices - Wagon Type Trunk Test Set
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FIN	W-I	CODE	O	CODE	SUBJECT
A254.000 REPEATERS (CONTINUED)							
→ A254.002	CANCEL	SEE	226-508-504				Operation Test of Outgoing Interoffice Trunks - Using Test Set SD-90469-01 or SD-90469-02 (J94710A)
→ A254.005	CANCEL	SEE	226-505-500				Operation Test of Call Indicator Trunks Step-by-Step Machine Switching to Manual Offices - Wagon Type Trunk Test Set
A254.009				CANCELLED			Outgoing Repeater Varying Tests
Add. A254.010				CANCELLED			Outgoing Repeater Pulsing Tests - Using Pulsing Test Set SD-31481-01
→ A254.010	CANCEL	SEE	226-600-500				
Add. A254.011				CANCELLED			- Per Cent Break Method - Pulse Repeating Requirement "A"
→ A254.011	CANCEL	SEE	226-600-501				
A254.012				CANCELLED			Repeater B Relay Test - Using Interrupter Machine ES-360014
→ A254.013	CANCEL	SEE	226-700-503				Repeater Traffic Register Circuit Test
Add. A254.015				CANCELLED			Repeater B and C Relay Timing Test - Using Relay Timing Test Set - SD-90418-01
→ A254.015	CANCEL	SEE	226-600-503				
→ A254.017	CANCEL	SEE	226-600-502				Repeater C Relay Release Test - Using Dial Hand Test Set
→ A254.021	CANCEL	SEE	226-500-501				Continuity and Polarity Test of Interoffice Trunks - Using Test Set SD-31426-01
→ A254.022	CANCEL	SEE	226-508-502				- Using Test Set SD-31725-01
A254.100 OUT TRUNK SWITCH EQUIPMENT							
→ A254.101	CANCEL	SEE	225-130-500				Out Trunk Switch and Master Switch
→ Add. A254.105							Out Trunk Switch Relay Test (Plunger Type)
→ A254.105	CANCEL	SEE	225-125-500				
→ A254.111	CANCEL	SEE	226-610-500				Rotary Out Trunk Switch Tests - Using Test Set SD-31426-01
→ Add. A254.112							Rotary Out-Trunk Switches - Using Trunk Test Set SD-90469-02 (J94710A)
→ A254.112	CANCEL	SEE	226-610-501				
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FWB	W-I	CODE	O	CODE	SUBJECT
A254. 100 OUT TRUNK SWITCH EQUIPMENT (CONTINUED)							
→ A254.113	CANCEL - SEE	226	605	500			4-Wire Rotary Out-Trunk Switch SD-32253-01 Using Dial Hand Test Set - No. 350A Step-by-Step and No. 355A Community Dial Offices
→ A254.117	CANCEL - SEE	225	130	501			Out Trunk Switch Traffic Register Circuit Test
A255. STEP - BY - STEP OFFICES - COIN EQUIPMENT - OVERTIME CHARGING - AUTOMATIC TICKETING AND AUTOMATIC MESSAGE ACCOUNTING							
A255.000 COIN TRUNKS AND COIN CONTROL SELECTORS							
→ Add. A255.001							Coin Trunk - Using Loop Dialing Toll Train and Coin Trunk Test Set ES-30007-01 or SD-30387-01
→ A255.001	CANCEL - SEE	226	517	501			
→ Add. A255.003							- Using Repeated Dialing Toll Train and Coin Box Trunk Test Set ES-241636
→ A255.003	CANCEL - SEE	226	517	502			
→ Add. A255.004							Prepay Coin Trunks - Using Trunk Test Set SD-90469-01 or SD-90469 -02
→ A255.004	CANCEL - SEE	226	521	500			
→ Add. A255.005							Coin Control Selector Operation Tests - Loop Dialing Equipment - Using Test Set SD-30387-01 or ES-30007 -01
→ A255.005	CANCEL - SEE	226	320	502			
→ A255.009	CANCEL - SEE	226	310	506			Toll Coin Control Switch Operation Test - Repeated Dialing Equipment
→ Add. A255.010							Coin Control Selector Pulsing Tests - Using Pulsing Test Set SD-31481 -01
→ A255.010	CANCEL - SEE	226	320	500			
→ Add. A255.011							Coin Trunk Pulsing Tests - Per Cent Break Method
→ A255.011	CANCEL - SEE	226	517	500			
→ Add. A255.015							Coin Control Selector Timing Tests - Using Relay Timing Test Set SD-90418-01
→ A255.015	CANCEL - SEE	226	320	501			
→ A255.018	CANCEL - SEE	226	502	501			Auxiliary Trunk Circuit - Prepayment Coin Service - Using Trunk Test Set SD-90469-02
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
A255.000 COIN TRUNKS AND COIN CONTROL SELECTORS (CONTINUED)							
→ A255.019	CANCEL - SEE	226-440-501		226-842-501			Auxiliary Line Circuits and Coin Control Connectors - Prepayment Coin Service - Using Test Set SD-90469-02
A255.100 OVERTIME CHARGING							
→Add. A255.105							Coin Timing and Coin Collect and Monitor Circuits for Overtime Charging - Using Trunk Test Set J94710A - No. 1 and No. 350A Step-by-Step Dial Offices
→ A255.105	CANCEL - SEE	226-822-500					
→Add. A255.110							Timing Intervals for Coin and Message Rate Overtime Charging - Using J34723 Test Set - No. 1 and No. 350A Step-by-Step Dial Offices
→ A255.110	CANCEL - SEE	226-824-500					
A255.700) A255.800) AUTOMATIC MESSAGE ACCOUNTING							
→Add. A255.701							Transverter - SD-32203-01 - Using Sender, Identifier, and Transverter Test Circuit
→ A255.701	CANCEL - SEE	227-245-500					
→ A255.706	CANCEL - SEE	227-245-501					- Miscellaneous Tests
→ A255.711	CANCEL - SEE	227-251-500					Sender-Transverter Connectors
→ A255.716	CANCEL - SEE	227-209-500					Thousands Number Circuit
→ A255.717	CANCEL - SEE	227-212-500					Common Number and Class Circuit
→ A255.721	CANCEL - SEE	227-430-500					AMA or CAMA Recorder and Recorder Connector Circuit - Tests - Step-by-Step Offices
→ A255.726	CANCEL - SEE	227-203-500					KS-13834 Perforator and Trouble Recorder Control and Test Circuit
A255.731		4 NS					Call Identity Indexer
Add. A255.751		1 NS					Master Timing Circuit - No. 1 Step-by-Step Offices - Arranged for AMA
A255.751		1 1 NS			NS		
→ A255.753	CANCEL - SEE	227-215-500					Code Connector
→Add. A255.761							Identifiers - Using Sender, Identifier, and Transverter Test Circuit
→ A255.761	CANCEL - SEE	227-221-500					
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A255. 700) A255. 800) AUTOMATIC MESSAGE ACCOUNTING (CONTINUED)							
→ A255.762	CANCEL - SEE	227-218	500				- Trunk Connectors
→ A255.766	CANCEL - SEE	227-221	500				- Miscellaneous Tests
→ Add. A255.781							Sender Circuit - Using Sender, Identifier, and Transverter Test Circuit
→ A255.781	CANCEL - SEE	227-239	500				
→ A255.782	CANCEL - SEE	227-239	501				- Miscellaneous Tests
→ A255.786	CANCEL - SEE	227-236	500				Sender Trunk Connector
→ A255.791	CANCEL - SEE	227-233	500				AMA and Coin Zone Dialing Outgoing Trunk Circuits - Tests Using Automatic Trunk Test Circuit SD-32206-01 - No. 1 Step-by-Step Offices
→ A255.792	CANCEL - SEE	227-230	500				Outgoing Trunks - Voltmeter Tests Using Automatic Trunk Test Frame
→ A255.793	CANCEL - SEE	227-257	500				Rotary Out-Trunk Switch - Using Trunk Test Set SD-90469-02 (J94710A)
→ A255.797	CANCEL - SEE	227-263	500				4 IPM Interrupter and Alarm Circuit - Miscellaneous Tests - No. 1 Step-by-Step Offices with AMA
→ A255.798	CANCEL - SEE	227-260	500				Dial Coin Zone Concentrating Circuit - Miscellaneous Tests - No. 1 Step-by-Step with AMA - Panel and No. 1 Crossbar Offices
→ A255.801	CANCEL - SEE	227-355	500				CAMA-Calls Waiting Signal Circuit - Tests - Step-By-Step Intertoll Dialing Offices
→ A255.803	CANCEL - SEE	227-340	500		1	A1	CAMA-Position Link - Tests Using Test Set SD-32271-01 (J38913A) Step-by-Step Intertoll Dialing Offices
→ A255.806	CANCEL - SEE	227-331	500				CAMA Decoder - Tests Using Sender Circuit and Test Set Circuit SD-32271-01 Step-by-Step Intertoll Dialing Offices
→ A255.807	CANCEL - SEE	227-331	501				CAMA Decoder - Miscellaneous Tests - Step-by-Step Intertoll Dialing Offices

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A255. 700)							
A255. 800) AUTOMATIC MESSAGE ACCOUNTING (CONTINUED)							
→ A255.808	CANCEL - SEE	227	330	500			CAMA Decoder Connector - Miscellaneous Tests - Step-by-Step Intertoll Dialing Office
→ A255.809	CANCEL - SEE	227	335	500			CAMA Trunk Class Translator - Operation Tests Using Test Set SD-32271-01 (J38913A) Step-by-Step Intertoll Dialing Offices
→ A255.810	CANCEL - SEE	227	316	500			CAMA Incoming Register Test - Using Test Set SD-32271-01 (J38913) - Step-by-Step Intertoll Dialing Offices
→ A255.812	CANCEL - SEE	227	315	500			CAMA Incoming Register Links - Miscellaneous Tests - Step-by-Step Intertoll Dialing Offices
→ A255.816	CANCEL - SEE	227	310	500			CAMA Dial Pulsing or MF Incoming Trunk Circuits - Tests Using Test Set SD-32271-01 (J38913A) - Step-by-Step Intertoll Dialing Offices
→ A255.819	CANCEL - SEE	227	360	500			CAMA Trunk Transfer Circuit - Operation Tests - Step-by-Step Intertoll Dialing Offices
→ A255.820	CANCEL - SEE	227	430	500			AMA or CAMA Recorder and Recorder Connector Circuit - Tests - Step-by-Step Offices
→ A255.821	CANCEL - SEE	227	325	500			CAMA Senders - Using Test Circuit SD-32270-01 and Test Set SD-32271-01 (J38913A) Step-By-Step Intertoll Dialing Offices
→ A255.822	CANCEL - SEE	227	325	501			CAMA Senders - Miscellaneous Tests - Step-by-Step Intertoll Dialing Offices
→ A255.827	CANCEL - SEE	227	346	500			CAMA Transverter - Tests Using Sender Circuit and Test Set Circuit - SD-32271-01 (J38913A) Step-By-Step Intertoll Dialing Offices
→ A255.828	CANCEL - SEE	227	346	501			CAMA Transverter - Miscellaneous Tests Step-By-Step Intertoll Dialing Offices
→ A255.829	CANCEL - SEE	227	345	500			CAMA Transverter Connector - Miscellaneous Tests - Step-By-Step Intertoll Dialing Offices
→ A255.832	CANCEL - SEE	227	365	500			CAMA Traffic Registers - Tests - Step-By-Step Intertoll Dialing Offices

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A255.700)							
A255.800) AUTOMATIC MESSAGE ACCOUNTING (CONTINUED)							
→ A255.833	CANCEL	- SEE	227-370	500			CAMA Plant Registers - Tests - Step-by-Step Intertoll Dialing Offices
→ A255.834	CANCEL	- SEE	227-320	500			CAMA Trunk Finder Operation Test - Using Test Set - Step-by-Step Intertoll Dialing Offices
A258. STEP - BY - STEP OFFICES - SWITCHBOARDS AND ASSOCIATED EQUIPMENT							
A258.000 "A" SWITCHBOARD							
→ A258.001	CANCEL	- SEE	226-848	500			Cord Circuit Supervisory Relays - Current Flow Tests Nos. 14C, 14D and 15C Switchboards
→ A258.002	CANCEL	- SEE	226-850	500			Cord Circuit Sleeve Relays - Current Flow Tests Nos. 14C, 14D and 15C "A" Switchboards
→ A258.003	CANCEL	- SEE	226-856	500			A-C Continuity Test of Cord Circuits - DSA Switchboards Nos. 14C, 14D and 15C
→ Add. A258.007							Intercepting and Special Service Cord Circuits - Operation Test - Using Testing Circuit SD-31025-011 or SD-90501-011
→ A258.007	CANCEL	- SEE	226-854	500			
→ Add. A258.011							Plugging-Up Circuits - Operation Tests
→ A258.011	CANCEL	- SEE	226-826	500			
→ A258.014	CANCEL	- SEE	226-530	500			Operation Test of Trunks from Selector Levels to R al Positions - Wagon Type Trunk Test Set
→ A258.016	CANCEL	- SEE	226-532	500			- From Vacant Local Selector Levels to Intercepting Positions - Wagon Type Trunk Test Set
→ A258.018	CANCEL	- SEE	226-529	500			- From Selector Levels to Special Service Positions - Wagon Type Trunk Test Set
→ A258.019	CANCEL	- SEE	226-546	500			- From Vacant Connector Terminals

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A258.000 "A" SWITCHBOARD (CONTINUED)							
→ A258.024 CANCEL - SEE	226	550	500				Intercepting Trunks from Local Selector Levels - Intercepting Handled at Toll Switchboard or Operating Room Desk - Operation Tests - Using Trunk Test Set SD-90469-01 and SD-90469-02
→ A258.025 CANCEL - SEE	226	553	500				Intercepting Trunks from Toll Selector Levels - Intercepting Handled at Toll Switchboard or Operating Room Desk - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A258.026 CANCEL - SEE	226	551	500				Intercepting Trunks from Local Selector Levels - Intercepting Handled at DSA Switchboards - Operation Tests - Using Trunk Test Set SD-90469-01 and SD-90469-02
→ A258.027 CANCEL - SEE	226	552	500				Intercepting Trunks from Toll Selector Levels - Intercepting Handled at DSA Switchboard - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A258.028 CANCEL - SEE	226	562	500				Intercepting and Verification Request From Connectors - Intercepting Handled at Toll Switchboard or Operating Room Desk - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A258.029 CANCEL - SEE	226	559	500				Intercepting and Verification Request Trunks from Connectors - Intercepting Handled at DSA Switchboard - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A258.030 CANCEL - SEE	226	554	501				Intercepting Trunks from Trunk Finders to a No. 14C, 14D or 15C Switchboard Arranged to Trip Machine Ringing After Extending Call to Operator - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
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A258.000 "A" SWITCHBOARD (CONTINUED)							
→ A258.031 CANCEL - SEE	226	554	500				- Before Extending Call To Operator - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A258.032 CANCEL - SEE	226	555	501				Intercepting Trunks from Trunk Finders to Toll Switchboard or Operating Room Desk Arranged to Trip Machine Ringing After Extending Call To Operator - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A258.033 CANCEL - SEE	226	555	500				- Before Extending Call to Operator - Operation Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A258.037 CANCEL - SEE	226	804	500				Pulse Generator and Counting Circuit - Alarm and Transfer Test - No. 1 and 350 Step-by-Step Offices and No. 355A and 35-E-97 CDO's
→ A258.040 CANCEL - SEE	226	575	500				Test of DC Key Pulsing Outgoing Trunks - "A" Switchboard No. 15C
→ A258.041 CANCEL - SEE	226	577	500				Test of Outgoing Dialing Trunks
→ A258.043 CANCEL - SEE	226	525	500				Operator's Recording-Completing Trunks
→ A258.050 CANCEL - SEE	226	846	501				DC Key Pulsing Senders - Using Automatic Test Circuit SD-90424-01
A258.700 "B" SWITCHBOARD							
A258.708	1	NS					"B" Switchboard Supervisor's Circuit
A258.711	1	NS					Link Circuit Tests
A258.725	1	NS					Test of "B" Senders
A258.735	1	NS					Test of "B" Position Circuits
A259. STEP - BY - STEP OFFICES - MISCELLANEOUS							
→ A259.001 CANCEL - SEE	226	528	500				Operation Test of Trunks from Selector Levels to Information Desks - Wagon Type Trunk Test Set
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A259. STEP - BY - STEP OFFICES - MISCELLANEOUS (CONTINUED)							
→ A259.002	CANCEL - SEE	226	534	500			Trunks from Selector Levels to Magneto Switchboards
→ A259.003	CANCEL - SEE	226	531	500			Operation Test of Trunks from Selector Levels to Recording Positions - Wagon Type Trunk Test Set - Step-by-Step Machine Switching to Toll Offices
→ A259.005	CANCEL - SEE	226	524	500			Recording-Completing Trunks from Coin Box Trunk Groups - Loop Dialing - Using Trunk Test Set SD-30387-01 (J34713)
→ A259.006	CANCEL - SEE	226	524	501			Subscriber Recording-Completing Trunks from Coin Box Trunk Groups - Repeated Dialing
→ Add. A259.007							Subscriber Recording-Completing Trunk Test - Using Trunk Test Set SD-90469-01 or SD-90469-02
→ A259.007	CANCEL - SEE	226	524	502			
A259.010			A	A	A1,E13	NS	Trunks to Desks and Switchboard Positions from Local Selector Levels - Operation Tests Using Trunk Test Set J94710A - Step-by-Step Offices
→ A259.011	CANCEL - SEE	226	533	500			- Using Hand Test Set
→ A259.012	CANCEL - SEE	226	561	500			Intercepting and Verification Request Trunks from Connectors - Intercepting Handled at DSA Switchboard - Operation Tests - Using Hand Test Set
→ A259.013	CANCEL - SEE	226	560	500			Intercepting and Verification Request Trunks from Connectors - Intercepting Handled at Toll Switchboard or Operating Room Desk - Operation Tests - Using Hand Test Set
→ A259.014	CANCEL - SEE	226	556	500			Outgoing 2-Wire Intercepting Trunks from Trunk Finders Arranged for Machine Announcement
→ Add. A259.019							Trunk Finders for Concentrating Intercepting and Verification Request Trunks - Operation Tests - Using Test Set SD-31456-01 (J34715A) or SD-31524-01 (J34718A)
→ A259.019	CANCEL - SEE	226	220	501			
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A259. STEP - BY - STEP OFFICES - MISCELLANEOUS (CONTINUED)							
→ Add. A259.020							- Operation Tests - Using Trunk
→ A259.020	CANCEL - SEE	226	220	500			Test Set SD-90469-01 (J94710A) or SD-90469-02 (J94710A)
→ A259.021	CANCEL - SEE	226	340	504			Two and Four-Party Reverting Call Selector - Operation Tests
A259.022				CANCELLED			Reverting Call Selector Varying Tests
→ A259.023	CANCEL - SEE	225	510	500			Reverting Call Equipment - No. 360A Step-by-Step Office
→ A259.024	CANCEL - SEE	226	340	510			Eight-Party Reverting Call Selector - Operation Tests
→ A259.025	CANCEL - SEE	226	340	512			Ten-Party Terminal Per Line Re- verting Call Selector - Operation Tests
→ Add. A259.026							Reverting Call Selector Pulsing Tests
→ A259.026	CANCEL - SEE	236	340	500			- Using Pulsing Test Set SD-31481-01
→ Add. A259.027							Reverting Call Selector Operation
→ A259.027	CANCEL - SEE	226	340	502			Tests - Using Test Set SD-90469-02 and Test Line Circuit SD-32198-01
→ Add. A259.028							- Using Test Set SD-90416-01
→ A259.028	CANCEL - SEE	226	340	501			
A259.031		B	B	A1, E13	NS		Distributor Selector, Test Distributor, and Test Connector Cut-In and Release Test
A259.033				CANCELLED			Test Distributor Varying Tests
→ Add. A259.034							Test Distributor Pulsing Tests -
→ A259.034	CANCEL - SEE	226	828	500			Using Pulsing Test Set SD-31481-01
→ Add. A259.035							2- and 4-Party Reverting Call Se- lectors Operation Tests - Using
→ A259.035	CANCEL - SEE	226	340	503			Test Circuit SD-30998-01
→ Add. A259.036							8-Party Reverting Call Selector
→ A259.036	CANCEL - SEE	226	340	507			Operation Tests - Using Test Circuit SD-30998-01
→ Add. A259.037							Ten-Party Terminal per Line Re- verting Call Selector Operation
→ A259.037	CANCEL - SEE	226	340	513			Tests - Using Test Circuit SD- 30998-01
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A259 STEP - BY - STEP OFFICES - MISCELLANEOUS (CONTINUED)						
→ A259.041 CANCEL - SEE	225-120-500					Class of Service Tone Test - Line Switch
Add. A259.042						Equipment Insulation and Bank
A259.042 CANCEL - SEE	030-705-501					Ground Test
A259.045 CANCEL - SEE	030-705-502					Insulation Resistance Test of Banks and Bank Multiple
→ Add. A259.091						Local Selectors and Connectors -
→ A259.091 CANCEL - SEE	226-305-504, 226-400-502					Seizure Test
→ A259.093 CANCEL - SEE	226-514-500					2-Way Operator Office Trunks and Associated Coin Control Trunk - Coin, Noncoin, and Rering Tests - Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94701A) No. 350A Step-by-Step and 355a Community Dial Offices
→ A259.101 CANCEL - SEE	226-820-500					Trunk Group Usage Circuit - Nos. 1 and 350A Step-by-Step Offices
→ A259.121 CANCEL - SEE	226-569-500					PBX Trunks from Selector Levels SD-31757-01 Using Test Set ES-241798, SD-30502-01 (J34711A), SD-31637-01 or SD-31637-02 (J34719A)
→ A259.145 CANCEL - SEE	227-525-500					Automatic Number Identification - Outgoing Trunk Circuits - Tests Using Automatic Trunk Test Circuit SD-32315-01 - No. 1 and 350A Step-by-Step and No. 355A Community Dial Offices
→ A259.146 CANCEL - SEE	227-560-500					Automatic Number Identification - Automatic Trunk Test Circuit SD-32315-01 - Miscellaneous Tests - No. 1 and 350A Step-by-Step and No. 355A Community Dial Offices
→ A259.149 CANCEL - SEE	226-572-500					Toll Diverting Trunks - Operation Tests - Using Trunk Test Set SD-90469-02 (J94710A) - No. 1, 350 Step-by-Step and 355A Community Dial Offices
→ A259.166 CANCEL - SEE	226-511-500					Incoming Trunk Circuits SD-31703-01 Operation Tests Using Test Sets SD-31858-01 (J34701A) SD-90469-01 or SD-90469-02 (94710A) No. 1 and 350A Step-by-Step and No. 355A Community Dial Offices

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A.259. STEP - BY - STEP OFFICES - MISCELLANEOUS (CONTINUED)						
→ A259.561 CANCEL - SEE 226-511-500						Line Insulation Test Frame - Maintenance and Calibration Tests
A259.903 CANCEL - SEE 030-332-501						Traffic Register 100 Operation Tests - Using Message Register Test Set SD-30490-01 or ES-360006
Add. A259.908						Traffic Register Tests - Using Test Set SD-32150-01
A259.908 CANCEL - SEE 030-332-502						
→ A259.909 CANCEL - SEE 227-266-500						Call Count Process Control - Storage and Register Circuit
→ A259.911 CANCEL - SEE 226-832-500						Call-Through Tests
→ Add. A259.912						Transmission Tests Using No. 12A or No. 20A Transmission Measuring Set
→ A259.912 CANCEL - SEE 226-834-500						
→ A259.935 CANCEL - SEE 226-836-500						Contact Noise Measurements with 30A Level Distribution Register
→ A259.941 CANCEL - SEE 226-810-500						Line Load Control Equipment - Manual Test
→ A259.942 CANCEL - SEE 226-818-500						Emergency Line Circuit No. 1, 350A Step-by-Step and No. 355A or 35-E-97 Community Dial Offices

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
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A260.) A269.)							PANEL OFFICES
A260. PANEL OFFICES - INSPECTIONS AND TEST OF APPARATUS							
A260.303							CANCEL - SEE 026-125-501 Multiple Brushes Equipped with Trip Levers - False Closure (<u>Sideswiping</u>) - Using Portable False Closure Test Set
A260.305							CANCEL - SEE 026-110-501 Method of Making Insulation Resistance Measurements - Silver-Plated Panel Multiple Bank Terminals in Battery Cutoff Offices
Add. A260.402							A260.402 CANCEL - SEE 030-801-501 Test of Sequence Switches for Slipping Drives
A260.506							CANCEL - SEE 026-706-501 Operation Test of No. 200 Type Selectors
A261. PANEL OFFICES - TESTS OF ALARM CIRCUITS							
A261.000 COMMON TO ALL FRAMES							
Add. A261.018							A261.018 CANCEL - SEE 215-571-501 Alarm Sending and Transfer Circuits - Battery Cut Off Relay
Add. A261.019							A261.019 CANCEL - SEE 215-371-501 Alarm Sending and Transfer Circuits - Ground Cut Off Relay
A261.061							CANCEL - SEE 215-183-501 Fuse Alarms - Operation Test
A261.065							CANCEL - SEE 215-253-501 Motor Stop Alarms - Subscriber Link Type Equipment
A261.100 SUBSCRIBER LINE FINDER AND DISTRICT FRAMES							
→ A261.101							CANCELLED Test of Time Alarms - Line Finder Trip Circuits - Sender Selector Type
→ A261.102							CANCELLED Test of Start Circuit Alarms - Sender Selector Type Equipment
A261.105							CANCELLED Test of District Selector Time Alarms - Sender Selector Type Equipment
A261.161							CANCEL - SEE 215-201-505 Trip Circuit Alarms - Subscriber Link Type Equipment
A261.165							CANCEL - SEE 215-203-504 District Selector Time Alarms - Subscriber Link Type Equipment
A261.400 SUBSCRIBER LINK SENDER AND MISCELLANEOUS FRAMES							
A261.453							CANCELLED Test Lead Alarm - Key Pulsing Sender Selectors
A261.461							CANCEL - SEE 215-213-504 Link Alarms and Down-Drive Register - Subscriber Link Type Equipment
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A261. 400 SUBSCRIBER LINK, SENDER AND MISCELLANEOUS FRAMES (CONTINUED)							
A261.462 CANCEL - SEE 215-201-504							Start Circuit Time Alarms - Sub- scriber Link Type Equipment
Add. A261.463							Decoder Time Alarms
A261.463 CANCEL - SEE 215-141-502							
A261.464 CANCEL - SEE 215-143-501							Decoder Connector Time Alarms
A261.465 CANCEL - SEE 215-203-505							Coin Control Alarms - Link Type Equipment
A261. 800 PANEL SENDER TANDEM EQUIPMENT							
A261.823 CANCEL - SEE 215-882-501							Motor Stop Alarms
A261.826 CANCEL - SEE 215-811-503							Link Start Circuit Alarms
A261.827 CANCEL - SEE 215-811-504							Link Time Alarms
A261.831 CANCEL - SEE 215-841-502							Decoder Time Alarms - Test Frame per SD-21152-011
A261.833 CANCEL - SEE 215-843-502							Decoder Connector Time Alarms - Test Frame per SD-21152-011
A261.837 CANCEL - SEE 215-801-502							District Selector Time Alarms
A262. PANEL OFFICES - SUBSCRIBER LINE CIRCUIT TESTS							
A262. 300 ROUTINE TESTS FROM FINAL FRAMES							
LINE FINDER - GROUND CUTOFF RELAY							
A262.301 CANCEL - SEE 215-302-502							Voltmeter and Insulation Breakdown Tests - Using Test Set per SD-21623-011 or ES-239832
Add. A262.303							Line and Cutoff Relays - Using Test Set per SD-21623-01 or ES-239832
A262.303 CANCEL - SEE 215-302-503							
LINE FINDER - BATTERY CUTOFF RELAY							
A262.341 CANCEL - SEE 215-501-502							Voltmeter and Insulation Breakdown Tests - Using Test Set per SD-21647-011 or SD-20053-011
A262.343 CANCEL - SEE 215-501-501							Line and Cutoff Relays - Using Test Set per SD-21647-011 or SD-20053-011
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LINE SWITCH							
→ A262.351 CANCEL - SEE 215-302-501							Voltmeter and Insulation Breakdown Tests of Subscriber Lines - Using Test Set per ES-226969
→ A262.353 CANCEL - SEE 215-302-504							Subscriber Line and Cutoff Relays - Using Test Set per ES-226969
A263. PANEL OFFICES - SELECTOR CIRCUIT TESTS							
A263. 000 GENERAL							
Add. A263.011			A	CANCELLED			Transmission Tests Using No. 12A Transmission Measuring Set or Set per J94020A
→ Add. A263.011							
→ A263.011 CANCEL - SEE 215-174-501							
A263. 100 SUBSCRIBER LINE FINDER, LINE SWITCH AND DISTRICT FRAMES							
LINE FINDER SENDER SELECTOR TYPE							
→ Add. A263.121							Line Finder and District Selector Circuits - Sender Selector Type - Using Automatic Test Frame SD-21438-01 or <u>ES-239515</u>
→ A263.121 CANCEL - SEE 215-304-501							
A263.122		1		CANCELLED			
→ A263.126 CANCEL - SEE 215-305-501							Manual Brush Continuity Test - Line Finder - District Selector Circuits
LINE SWITCH TYPE							
A263.152		1		CANCELLED			Hunting Test - Line Finder - District Sender Selectors
LINE FINDER LINK TYPE							
→ A263.161 CANCEL - SEE 215-201-503							Manual Brush Continuity Test - District Selector Circuits
→ A263.162 CANCEL - SEE 215-201-501							Routine Test of Start Circuits
→ A263.163 CANCEL - SEE 215-105-501							Line Finder Brush Continuity Test
→ A263.164 CANCEL - SEE 215-105-503							Line Finder Operation Test
→ A263.165 CANCEL - SEE 215-203-501							Contact Protection - Trip Circuit Relays - Line Finder, Trunk Finder and Call Distributing B Link Equipment
							Line Finder and District Selector Circuits - Using Automatic Test Frame SD-20240-03, SD-20240-02, SD-20240-01 or ES-261152
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LINE FINDER LINK TYPE (CONTINUED)							
→	A263.166	CANCEL - SEE	215-203-502				Manual Test of District Selector Circuits
→	A263.167	CANCEL - SEE	215-203-506				Manual Test of District Coin Control Circuits
DISTRICT SELECTORS - ALL TYPES							
→	A263.171	CANCEL - SEE	215-178-501				Message Register Connector Circuits and Associated Time Alarms
→	A263.172	CANCEL - SEE	215-107-501				Automatic Test of Message Registration - District Selector Circuits Arranged for Multiple Registrations - Using Testing Circuit SD-21729-01
A263. 200 OFFICE SELECTORS							
→	A263.201	CANCEL - SEE	215-112-501				Automatic Test
→	A263.202	CANCEL - SEE	215-311-501				Manual Test of Local Office Selector Circuits - Using Test Set ES-20150-01 or ES-239844 Ground Cutoff Relay
→	A263.203	CANCEL - SEE	215-511-501				Local Office Selectors - Test Set per SD-20258-01
→	A263.222	CANCEL - SEE	215-113-501				Manual Test Line Test - 2-Wire Office Selectors
→	A263.223	CANCEL - SEE	215-113-502				Brush Continuity Test - 2-Wire Office Selectors
→	A263.224	CANCEL - SEE	215-114-501				Distant Office Selectors - Test Set per SD-21387-011
A263. 300 INCOMING AND FINAL SELECTORS - GROUND CUTOFF RELAY							
INCOMING SELECTORS							
→	Add. A263.301						Automatic Tests of Incoming Selector and Trunk Circuits from District or Office Multiple
→	A263.301	CANCEL - SEE	215-120-501				
→	Add. A263.302						Manual Brush Continuity Test of Incoming Selector Circuits from Panel Local, Office Tandem and Panel Sender Tandem Offices - Using Test Set ES-20150-01 or ES-239844
→	A263.302	CANCEL - SEE	215-320-501				
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INCOMING SELECTORS (CONTINUED)							
→ Add. A263.303							Manual Test of Incoming Selector Circuits from Panel Local, Office Tandem and Panel Offices - Using Test Set ES-20150-01 or ES-239844
→ A263.303 CANCEL - SEE 215-320-502							
→ A263.311 CANCEL - SEE 215-321-501							2-Wire Dialing Incoming Selectors
Add. A263.322				CANCELLED			Manual Brush Continuity Test of Incoming Selector Circuits from Key Indicator Local and Key Pulsing or Key Indicator Toll Offices - Using Test Set ES-20150-01 or ES-239844
A263.322							
Add. A263.323				CANCELLED			Manual Test of Incoming Selector Circuits from Key Indicator Local and Key Pulsing or Key Indicator Toll Offices - Using Test Set ES-20150-01 or ES-239844
A263.323							
FINAL SELECTORS							
→ Add. A263.331							Automatic Test
→ A263.331 CANCEL - SEE 215-331-501							
→ A263.333 CANCEL - SEE 215-331-502							Manual Test of Final Selector Circuits - Using Test Set ES-20150-01 or ES-239844
→ A263.336 CANCEL - SEE 215-331-503							
A263.400 INCOMING AND FINAL SELECTORS - BATTERY CUTOFF RELAY							
INCOMING SELECTORS							
→ Add. A263.402							Manual Test of Incoming Selector Circuits from Panel Local, Office Tandem and Panel Sender Tandem Offices - Battery Cutoff Relay Equipment - Using Test Set SD-20050-01
→ A263.402 CANCEL - SEE 215-522-501							
KEY PULSING INCOMING SELECTORS							
A263.412				CANCELLED			Manual Test of Incoming Selector Circuits from Key Pulsing or Key Indicator Toll Offices - Using Test Set SD-20050-01
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KEY INDICATOR INCOMING SELECTORS							
A263.422				CANCELLED			Manual Test of Incoming Selector Circuits from Key Indicator Local Offices - Using Test Set SD-20050-01
FINAL SELECTORS							
→ A263.431 CANCEL - SEE 215-532-501							Final Selector Circuit - Battery Cut- off Relay Equipment - Test Frame per SD-20043-011
→ A263.432 CANCEL - SEE 215-532-502							Manual Test of Final Selector Cir- cuits - Using Test Set SD-20050-01 - Ground Cutoff Relay
A263. 600 OPERATOR'S DISTRICT AND INCOMING SELECTORS - DIALING AND KEY PULSING							
→ A263.601 CANCEL - SEE 215-108-501							Operation Test - Dialing and Key Pulsing District and Incoming Selectors - Dialing and Key Pulsing Trunks from Panel Switchboards - Outgoing Dialing Trunks to Panel Offices from Manual Switchboards
→ A263.602 CANCEL - SEE 215-108-502							Brush Continuity Test - Dialing and Key Pulsing District and Incoming Selectors - Dialing and Key Puls- ing Trunks from Panel Switch- boards - Outgoing Dialing Trunks to Panel Offices from Manual Switchboards
→ A263.606 CANCEL - SEE 215-306-501							Hunting Test - Operator's Dialing District Sender Selectors - No. 200 Type
A263. 700 "B" SWITCHBOARD INCOMING SELECTORS							
KEY LISTENING							
A263.701				CANCELLED			Operation Test of Trunks from Manual to Panel Machine Switching Offices
A263.702				CANCELLED			Brush Continuity Test
A263.703				CANCELLED			Manual Test Line Test
A263.705				CANCELLED			Bell Ringing Test
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CALL DISTRIBUTING TYPE						
A263.741				CANCELLED		Operation Test of Incoming Trunks - Local and Central Call Distributing "B" Switchboard Equipment
A263.743				CANCELLED		Manual Test of Incoming Selectors - Local Call Distributing "B" Switchboard Equipment - Using Test Set SD-20052-01
A263.745				CANCELLED		Manual Test of Incoming Selector Circuits from Panel "A" Switchboard and for Completing Intercepted Calls - Central "B" Switchboard Equipment - Using Test Set SD-20050-01
A263. 800 PANEL SENDER TANDEM SELECTORS						
→ A263.841 CANCEL - SEE 215-801-501						District Selectors - Test Frame per SD-21153-011
A263.843				CANCELLED		Incoming Trunks to Operator Tandem
A264. PANEL OFFICES - LINK, SENDER, TRANSLATOR AND DECODER CIRCUIT TESTS						
A264. 100 SUBSCRIBER LINK CIRCUITS						
→ A264.161 CANCEL - SEE 215-211-501						Subscribers Rotary Link Circuits - Using Test Set ES-20142-01
→ A264.162 CANCEL - SEE 215-211-502						Chain Circuit Test of Subscriber Rotary Link Circuits
→ A264.164 CANCEL - SEE 215-213-501						Subscriber Panel Link Circuits - Using Test Set SD-21683-01
→ A264.165 CANCEL - SEE 215-213-502						- Using Test Set SD-20343-01
→ A264.166 CANCEL - SEE 215-213-503						Chain Circuit Test - Subscriber Panel Link Circuits
→ A264.167 CANCEL - SEE 215-731-501						Test of Contact Protection for Hunting Sleeve Brushes and Bank Terminals - Subscriber Panel Link, Sender Tandem and Call Distributing "B" Switchboard Link Circuits - Panel and Panel Sender Tandem Offices
→ A264.168 CANCEL - SEE 215-133-501						Auxiliary Sender Link Circuit - Miscellaneous Tests
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A264. 200 DECODER EQUIPMENT							
→ A264.201 CANCEL - SEE 215-141-501							Decoders - Test Using Auto Testing Circuit SD-21188-01
→ A264.211 CANCEL - SEE 215-143-502							Decoder Connectors
A264. 400 SUBSCRIBER AND DSA SWITCHBOARD SENDERS							
SENDER SELECTOR TYPE							
→ A264.403 CANCEL - SEE 215-341-501							Test of Sender Signals - Noncoin
LINK TYPE AND KEY PULSING							
→ A264.462 CANCEL - SEE 215-132-501							Automatic Test - Panel Link Type
→ A264.463 CANCEL - SEE 215-231-503							Test of Time Measure Alarms Circuits
→ Add. A264.464							Link Type Subscriber and Key Pulsing
→ A264.464 CANCEL - SEE 215-132-502							"A" Sender Circuits and Sender Selector Decoder Type Subscriber Sender Circuits - Test Frames per SD-21026-01, SD-21026-02 and SD-21186-01
→ A264.465 CANCEL - SEE 215-231-502							Supervisory Signal Features - Panel Link Type Subscriber and Key Pulsing Senders - Test Frames per SD-21026-01 and SD-21186-01
→ A264.466 CANCEL - SEE 215-711-501							Test of Stepping Relay Contact Protection - Sender Circuits - Panel and Panel Sender Tandem Offices
→ A264.467 CANCEL - SEE 215-134-501							Manual Test of Supervisory Signals and Stuck Sender Register - Subscriber Decoder Senders
A264. 500 SEMI - MECHANICAL "A" POSITION AND LOCAL SENDERS							
A264.501				CANCELLED			Automatic Test of Semi-Mechanical "A" Position Senders and Semi-Mechanical Local Senders
A264.505				CANCELLED			Test of Time Measure Alarm Circuits - Semi-Mechanical Local Senders
A264. 700 "B" SENDERS AND LINKS							
KEY LISTENING							
A264.701				CANCELLED			Automatic Test of "B" Senders
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	ATT	PWB	W-I	CODE	0	CODE	
CALL DISTRIBUTING "B" SWITCHBOARD							
A264.741				CANCELLED			"B" Sender Circuits - Test Frame SD-21107-011
A264.742				CANCELLED			"B" Link Circuits
A264.751				CANCELLED			Dial Pulse Terminating Senders
A264. 800 PANEL SENDER TANDEM LINKS, SENDERS DECODERS AND CALL ANNOUNCER							
→ A264.821 CANCEL - SEE 215-811-501							Link Circuits - Test Frame per SD-21153-011
→ A264.823 CANCEL - SEE 215-811-502							Link Start Circuits
→ A264.831 CANCEL - SEE 215-841-501							Decoders - Test Frame per SD-21152-011
→ A264.833 CANCEL - SEE 215-843-501							Decoder Connectors - Test Frame per SD-21152-011
→ A264.841 CANCEL - SEE 215-821-501							Senders - Test Frame per SD-21151-011
A264.863				CANCELLED			Call Announcer Speech Channels
A264.864				CANCELLED			Call Announcer Amplifiers
A264.868				CANCELLED			Call Announcer Machine Circuits
A265. PANEL OFFICES - TESTS OF SWITCHBOARD CIRCUITS							
A265. 500 SEMI - MECHANICAL "A" SWITCHBOARDS							
A265.507				CANCELLED			Test of Final Terminal Cord Circuits
A265.508				CANCELLED			Test of Special Service and Unused Code Trunks
A265.509				CANCELLED			Test of Intercepting Trunks
A265.511				CANCELLED			Test of Ringdown Intercepting Trunks
A265.512				CANCELLED			Test of Unequipped Final Choice Trunks
A265.516				CANCELLED			Test of Verification Request Trunks
A265.517				CANCELLED			Test of Subscriber Lines Terminating at "A" Switchboard
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A265.600 "A" SWITCHBOARDS EQUIPPED WITH DIALS OR KEYSETS								
→	A265.601	CANCEL	- SEE	215-185-501				Cord Circuit Supervisory Relays - Panel and Crossbar Offices
→		CANCEL	- SEE	216-742-501				
→	A265.602	CANCEL	- SEE	215-185-503				Cord Circuit Sleeve Relays - Panel, and Crossbar Offices
→		CANCEL	- SEE	216-742-503				
→	A265.603	CANCEL	- SEE	215-185-505				A-C Continuity Test of Cord Circuits - Switchboards Nos. 13C, 13D, 15C and 15D Panel and No. 1 Crossbar Offices
→		CANCEL	- SEE	216-742-505				
→	A265.604	CANCEL	- SEE	215-185-507				Special Service Cord Circuits - Operation Test - Using Test Circuit SD-20444-011, SD-25474-011 or SD-90501-011 - Panel and No. 1 Crossbar Offices
→		CANCEL	- SEE	216-742-507				
→	A265.605	CANCEL	- SEE	215-187-501				Intercepting Operator's Cord Circuits - Operation Test - Using Testing Circuit SD-20444-01 or SD-90501-011 - Panel No. 1 Crossbar Offices
→		CANCEL	- SEE	216-741-501				
	A265.606				CANCELLED			Emergency Completing Cord Circuits - Panel and No. 1 Crossbar Offices
→	A265.607	CANCEL	- SEE	215-184-501				Test of Final Terminal Cords - "A" Switchboard - Dialing Type
→	A265.608	CANCEL	- SEE	215-153-503				Test of Special Service and Unused Code Trunks - "A" Switchboard - Dialing Type
→	A265.609	CANCEL	- SEE	215-156-501				Test of Intercepting Trunks from Final Multiple
→	A265.611	CANCEL	- SEE	215-157-501				Test of Ringdown Intercepting Trunks - "A" Switchboard - Dialing Type
→	A265.612	CANCEL	- SEE	215-158-501				Test of Unequipped Final Choice Trunks - "A" Switchboard - Dialing Type
→	A265.616	CANCEL	- SEE	215-159-501				Test of Verification Request Trunks - "A" Switchboard - Dialing Type
→	A265.631	CANCEL	- SEE	215-153-500				Operators' Recording-Completing Trunks

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	ATT	PNB	W-I	CODE	O	CODE	
A265. 600 "A" SWITCHBOARDS EQUIPPED WITH DIALS OR KEYSETS (CONTINUED)							
A265.632	CANCEL	- SEE 226-852-500					Recording Completing Cord Circuits - No. 15C or 15D "A" Switchboard - Step-by-Step, Panel and No. 1 Crossbar Dial Offices
A265.651	CANCEL	- SEE 215-551-501					Trunk Finders and Outgoing Trunk Circuits for Intercepting and Verification Request Service - Battery Cutoff Relay
A265.652	CANCEL	- SEE 215-551-501					Trunk Finders and Outgoing Trunk Circuits for Intercepting and Verification Request Service - Ground Cutoff Relay
A265. 700 "B" SWITCHBOARDS							
KEY LISTENING							
A265.701				CANCELLED			Test of "B" Position Key Units
A265.702				CANCELLED			Test of "B" Switchboard - Key Control Circuits
A265.706				CANCELLED			Test of "B" Supervisor's Circuit
CALL DISTRIBUTING TYPE							
A265.742				CANCELLED			Position Circuits
A265.745				CANCELLED			Coin Control Circuits - Call Distributing "B" Toll Incoming Selectors
A265.746				CANCELLED			Supervisor's Circuits
A265.748				CANCELLED			Calls Waiting Signal Circuit - Local and Central "B" Switchboard - Panel and Crossbar Offices
A265.751				CANCELLED			Manual Test of Incoming Trunk Circuits - Using Test Set SD-20052-01 - Battery Cutoff Relay
A265. 800 TANDEM SWITCHBOARDS							
A265.811				CANCELLED			Switchboard Position Circuits Test Set per SD-21155-011
A265.823				CANCELLED			Switchboard Supervisor's Circuit
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SECTION NO.	ISSUE - CODE					
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SUBJECT						
A266. PANEL OFFICES - TRUNKS						
A266. 100 OUTGOING						
Add. A266.101						
A266.101 CANCEL - SEE 215-721-501						Outgoing Trunks - Using Outgoing Trunk Test Frame of Testboard - Panel and Panel Tandem Offices
A266.110 CANCEL - SEE 215-510-501						Automatic Number Identification Outgoing Trunks - Tests Using Automatic Trunk Tests Circuit SD-95889-01 - Panel & No. 1 Crossbar Offices
A269. PANEL OFFICES - TESTING EQUIPMENT AND MISCELLANEOUS						
A269.000 TEST FRAMES						
A269.066 CANCEL - SEE 215-845-501						Trouble Indicator - Panel Sender Tandem Offices
A269.080 CANCEL - SEE 215-510-502						Automatic Number Identification Automatic Trunk Test Circuit - SD-95889-01 - Miscellaneous Tests - Panel & No. 1 Crossbar Offices
A269. 900 MISCELLANEOUS EQUIPMENT						
A269.901				CANCELLED		Call Indicator Trunk Make-Busy Circuits
Add. A269.906 CANCEL - SEE 215-153-502				PN		Test of Recording Trunks from Panel Machine Switching to Toll Offices
A269.906 CANCEL - SEE 215-153-502						Recording-Completing Trunks - Using Test Set SD-90470-01 or SD-21475-01
A269.908 CANCEL - SEE 215-153-501						Line Circuit - Terminating Service Only For Use with Dial Selected PBX Trunks
A269.909 CANCEL - SEE 215-103-501						Call-Through Tests
Add. A269.911 CANCEL - SEE 215-173-501				PN		Through Calling Test - Test Frame per SD-21153-011 - Panel Sender Tandem Office
A269.911 CANCEL - SEE 215-173-501						Coin Control Tests - Incoming Selector and Incoming Trunk Circuits from Toll Switchboards
A269.912 CANCEL - SEE 215-883-501						
A269.915 CANCEL - SEE 215-160-502						
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A269. 900 MISCELLANEOUS EQUIPMENT (CONTINUED)							
→ A269.916 CANCEL - SEE 215-189-501							Dial Coin Zone Concentrating Circuit Miscellaneous Tests - No. 1 Step- by-Step with AMA, Panel and No. 1 Crossbar Offices
→ A269.917 CANCEL - SEE 215-160-501							Outgoing Trunks Arranged for Dial Coin Zone Service - Using Coin Trunk Test Set SD-96372-01
→ A269.925 CANCEL - SEE 215-701-501							Test of Traffic Registers - Link, Sender and Decoder Circuits - Panel and Panel Sender Tandem Offices
→ A269.926 CANCEL - SEE 215-701-502							- District and Office Selector and Coin Control Circuits - Panel and Panel Sender Tandem Offices
→ A269.927 CANCEL - SEE 215-127-501							- Incoming and Final Selector Circuits
→ A269.928 CANCEL - SEE 215-179-503							- Tandem, DSA and DSB Switch- boards - Panel and Panel Sender Tandem Offices
→ A269.929 CANCEL - SEE 215-701-504							- Miscellaneous Circuits - Panel and Panel Sender Tandem Offices
→ A269.935 CANCEL - SEE 215-175-501							Contact Noise Measurements with 30A Level Distribution Register
→ A269.941 CANCEL - SEE 215-101-501							Manual Test of Line Load Control Equipment
→ A269.946 CANCEL - SEE 215-147-501							3 Digit Translator Connectors - Tests
→ A269.952 CANCEL - SEE 215-145-501							Trouble Indicator
→ A269.960 CANCEL - SEE 215-137-501							Code Compressor - Tests Using Code Compressor Trouble Indicator - Panel and No. 1 Crossbar Offices
→ A269.961 CANCEL - SEE 215-137-503							Code Compressor Tests No. 1 Crossbar and Panel Offices

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A270 THROUGH A272

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SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A270.)							
A279.) CROSSBAR OFFICES							
A270.)							
A271.) NO. 1 CROSSBAR OFFICES							
A270.000 LINE LINK AND CONTROLLER CIRCUITS							
Add. A270.031							Line Link and Controller
A270.031 CANCEL - SEE 216-209-501							
A270.200 DISTRICT JUNCTOR. LINK AND CONNECTOR CIRCUITS							
Add. A270.211							Subscriber District Junctors Using
A270.211 CANCEL - SEE 216-230-501							District Juntor Test Circuit
A270.261 CANCEL - SEE 216-231-501							District Link and Connector Circuit
A270.300 COIN AND ZONE REGISTRATION AND ASSOCIATED CIRCUITS							
A270.311 CANCEL - SEE 216-233-501							Coin Supervisory Circuits Using
							District Juntor Test Circuit
A270.314 CANCEL - SEE 216-233-502							- Miscellaneous Tests
A270.321 CANCEL - SEE 216-233-503							Coin Supervisory Link Controller
A270.361 CANCEL - SEE 216-235-501							Zone Registration Circuits SD-25320-01 - Automatic Test Circuit SD-25311-01
A270.371 CANCEL - SEE 216-235-502							Zone Registration Control Circuits - Using District Juntor Test Circuit
A270.400 MISCELLANEOUS CIRCUITS ASSOCIATED WITH DISTRICT JUNCTORS, LINKS, ETC.							
→ A270.411 CANCEL - SEE 220-420-501 A7 SEE 216-230-503 FOR A6							Interrupter Checking Circuit Alarms - District Junctors and Tandem Trunks - No. 1 Crossbar and Crossbar Tandem Offices
A270.421 CANCEL - SEE 216-232-501							Permanent Signal Overflow Alarms
A270.500 OFFICE JUNCTOR. LINK AND CONNECTOR CIRCUITS							
A270.561 CANCEL - SEE 216-240-501							Office Link and Connector Circuits - No. 1 Crossbar and Crossbar Tandem Offices
A270.700 INCOMING TRUNKS, LINKS AND CONNECTOR CIRCUITS							
A270.711 CANCEL - SEE 216-277-501							Trunk Circuits - Automatic Incoming Test Circuit SD-25161-01

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	ATT	FTB	W-I	CODE	0	CODE	
A270. 700 INCOMING TRUNKS, LINKS AND CONNECTOR CIRCUITS (CONTINUED)							
Add. A270.721							Manual Test of Incoming Trunks Using
A270.721				216-381-501			Test Set SD-25187-01 (J24751A)
A270.723				216-370-501			Coin Control Tests - Incoming Selec-
							tor and Incoming Trunk Circuits
							from Toll Switchboards
→ Add. A270.731							Incoming Trunks - Using Outgoing
→ A270.731				220-137-502	A7		Trunk Test Frame SD-25177-01
SEE 216-372-501 FOR					A6		No. 1 Crossbar and Crossbar
							Tandem Offices
A270.761				216-361-501			Incoming Link and Connector Circuits
A270.781				216-365-501			Incoming Trunk Frame Alarms
A270. 800 LINE JUNCTORS, LINE CHOICE CONNECTORS AND NUMBER GROUP CONNECTORS							
Add. A270.821							Line Choice Connector Circuits
A270.821				216-210-502			
A270.861				216-246-501			Number Group Connector
A271. 000 ORIGINATING SENDER AND LINK CONTROLLER CIRCUITS							
A271.011				216-251-501			Subscriber, Auxiliary, and "A" Switch-
							board Key-Pulsing Senders - Using
							Originating Sender Test Frame
							SD-25221-01
A271.061				216-252-501			Subscriber Sender Link and Control-
							ler Per SD-25004-01
A271.063				216-252-502			- Per SD-25554-01
A271.071				216-255-501			Key Pulsing "A" Operator Sender
							Link Controller
A271. 100 ORIGINATING MARKERS AND MARKER CONNECTOR CIRCUITS							
Add. A271.111							Originating Markers Using Originating
A271.111				216-261-501			Trouble Indicator
Add. A271.121							- Miscellaneous Tests
A271.121				216-261-502			
A271.161				216-263-501			Manual Test of Originating Marker
							Connectors
A271.171				216-256-501			Auxiliary Sender Link Circuit - Mis-
							cellaneous Tests
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A271. 300 TERMINATING SENDERS AND CONTROLLER CIRCUITS							
Add. A271.311							Full Selector Terminating Senders -
A271.311	CANCEL	SEE	216-301-501				Using Terminating Sender Test Circuit SD-25159-01
A271.312				CANCELLED			"B" Senders - Using Terminating Sender Test Circuit SD-25159-01
Add. A271.313							Dial Pulse Terminating Senders Using
A271.313	CANCEL	SEE	216-305-501				Terminating Sender Test Circuit . SD-25159-01
A271.314	CANCEL	SEE	216-308-501				Multifrequency Key Pulsing Terminat- ing Sender and Associated Receiver - Using Automatic Terminating Sender Test Circuit SD-25159-01
A271.315				CANCELLED			Central "B" Senders - Using Termi- nating Sender Test Circuit SD- 25159-01
A271.316	CANCEL	SEE	216-301-502				Full Selector Terminating Senders - Using Outgoing Trunk Test Circuit SD-25177-01 and Test Selection Circuit SD-25437-01
A271.317				CANCELLED			"B" Senders - Using Outgoing Trunk Test Circuit and Test Selection Circuit
A271.325	CANCEL	SEE	216-754-501				Revertive Pulse Interrupter of Ter- minating Senders and Incoming Registers
A271.361	CANCEL	SEE	216-307-501				Terminating Sender Link and Con- troller
A271. 400 TERMINATING MARKERS AND MARKER CONNECTOR CIRCUITS							
A271.411	CANCEL	SEE	216-331-501				Terminating Marker - Using Ter- minating Trouble Indicator SD- 25284-01
A271.421	CANCEL	SEE	216-331-502				- SD-25283-01 Miscellaneous Tests
A271.461	CANCEL	SEE	216-340-501				Terminating Marker Connectors
A271. AUTOMATIC MESSAGE ACCOUNTING							
Add. A271.701							Transverter - Using Sender and
A271.701	CANCEL	SEE	216-801-501				District Junctor Tests Circuits - No. 1 Crossbar Offices - Arranged For AMA

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SECTION NO.	ATT	PTB	H-I	CODE	O	CODE	SUBJECT
A271. AUTOMATIC MESSAGE ACCOUNTING (CONTINUED)							
Add. A271.706	CANCEL	SEE	216-801-502				- Miscellaneous Tests
A271.706	CANCEL	SEE	216-801-502				- Miscellaneous
A271.708	CANCEL	SEE	216-801-501				- Miscellaneous
A271.711	CANCEL	SEE	216-803-501				Transverter Connectors
A271.721	CANCEL	SEE	216-807-501				Recorder and Recorder Connector Circuits
A271.731		4	NS				Call Identity Indexers
A271.741	CANCEL	SEE	216-805-501				Translators-Using Sender Test Frame
A271.746	CANCEL	SEE	216-265-501				3 Digit Translator Connectors - Tests - Panel and No. 1 Crossbar Offices
Add. A271.751		1	NS				Master Timing Circuit
A271.751		3	NS				No. 1 Crossbar and Crossbar Tandem Offices Arranged for AMA
A272.000 "A" SWITCHBOARDS							
A272.009	CANCEL	SEE	216-274-501				Operator's Recording-Completing Trunks
A272.011	CANCEL	SEE	216-730-501				Verification Request and Intercept Trunks to Central "A" Switchboard and Intercepting Trunks to Announce- ment Machine - Using Outgoing Trunk Test Frame SD-25177-01
A272.015	CANCEL	SEE	216-732-501				Plugging-Up Line Circuits
A272.031	CANCEL	SEE	216-734-501				Number Checking Train
A272.032	CANCEL	SEE	216-736-501				DSA Switchboard - No Test Train
A272.042	CANCEL	SEE	216-738-501				Dial Terminating Manual Subscriber Line Circuit SD-25040-01
A272.043	CANCEL	SEE	216-208-502				Auxiliary Line Circuit Arranged for Manual Terminating Service per SD-25138-01 and SD-25140-01
A272.200 "B" SWITCHBOARDS							
A272.211				CANCELLED			Position Circuits - Using Test Cir- cuit SD-25159-01
A272.221				CANCELLED			Supervisor's Circuit
				Printed in U.S.A.			

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
A 272. 400 OUTGOING TRUNKS AND SUBSCRIBER LINES							
A272.421	CANCEL	- SEE	216-271-501				Subscriber Recording-Completing Trunks and Special Service Trunks - Using Outgoing Trunk Test Frame
Add. A272.425							Permanent Signal Holding Trunks - Using Outgoing Trunk Test Frame
A272.425	CANCEL	- SEE	216-272-501				
A272.429	CANCEL	- SEE	216-273-501				Vacant Code Trunks
A272.431	CANCEL	- SEE	216-275-501				Outgoing Trunks Arranged for Dial Coin Zone Service - Using Coin Trunk Test SD-96372-01
→ Add. A272.461				CANCELLED			Voltmeter Tests - Using O.G.T. Test Frame - No. 1 Crossbar and Crossbar Tandem Offices - Nos. 4, A4A and 4A Toll Switching Systems
→ A272.461				CANCELLED			
A272.471	CANCEL	- SEE	216-204-501				Manual Line Circuit - Dial Terminating - For Use with Central "A" Switchboard
A272.472	CANCEL	- SEE	216-207-501				Emergency Line Circuit for Use with Central DSA Switchboard per SD-25416-01 and SD-25417-01
A272.473	CANCEL	- SEE	216-208-501				Auxiliary Line Circuit for Terminating Service Only or for Originating Service Only Arranged for Number Checking
A272.474	CANCEL	- SEE	216-208-503				- 10-Party Code Ringing Lines or 8-Party Semi-selective Ringing Lines
A272.475	CANCEL	- SEE	216-208-504				- Service More than One Office in the Same Building
A272.490	CANCEL	- SEE	215-610-501 FOR A8				Automatic Number Identification Outgoing Trunks - Tests Using Automatic Trunk Test Circuit SD-95889-01 - Panel and No. 1 Crossbar Offices
	CANCEL	- SEE	216-910-501 FOR A6				
A 272. 500 TESTING EQUIPMENT							
A272.511	CANCEL	- SEE	216-781-501				District Junctor Test Circuit
A272.516	CANCEL	- SEE	216-785-501				Zone Registration and Timing Test Circuit
				Printed in U.S.A.			

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PWB	W-I	CODE	O	CODE	
A272. 500 TESTING EQUIPMENT (CONTINUED)							
A272.531	CANCEL - SEE	216-784	501				Incoming Trunk Automatic Test Circuit - SD-25161-01 - Tests - No. 1 Crossbar and Crossbar Tandem Offices
A272.541	CANCEL - SEE	216-783	501				Originating and Auxiliary Sender and Transverter Test Frame
Add. A272.546							Originating Trouble Indicator
A272.546	CANCEL - SEE	216-789	501				
Add. A272.556							Terminating Trouble Indicator
A272.556	CANCEL - SEE	216-791	501				
A272.558	CANCEL - SEE	216-787	501				Transverter Trouble Indicator - Miscellaneous Tests
Add. A272.561							Line Insulation Test Frame - Maintenance and Calibration Tests
A272.561	CANCEL - SEE	216-786	501				
A272.650	CANCEL - SEE	216-910	502				Automatic Number Identification - Automatic Trunk Test Circuit - SD-95889-01 - Miscellaneous Tests Panel and No. 1 Crossbar Offices
A272. 800 MISCELLANEOUS							
A272.801	CANCEL - SEE	216-755	501				Simulated Heavy Traffic Load Tests
A272.805	CANCEL - SEE	216-753	501				Originating and Terminating Sender Load Control
A272.806	CANCEL - SEE	216-767	501				Subscriber Sender Supervisory Meter Circuit
A272.807	CANCEL - SEE	216-752	501				Manual Test of Line Load Control Equipment
A272.809	CANCEL - SEE	216-205	501				Line Circuit - Terminating Service Only For Use with Dial Selected PBX Trunks
Add. A272.816							Traffic Registers
A272.816	CANCEL - SEE	216-765	501				
A272.817	CANCEL - SEE	216-705	501				Subscriber Line Overflow Register Circuit SD-25381-01
A272.818	CANCEL - SEE	216-311	501				Call Count Process Control - Storage and Register Circuit
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	0	CODE	
A272. 800 MISCELLANEOUS (CONTINUED)							
A272.821	CANCEL - SEE	216-763-501					Plant Registers
Add. A272.831	CANCEL - SEE	216-759-501	PN				Call-Through Tests
A272.831	CANCEL - SEE	216-759-501					
A272.833	CANCEL - SEE	216-769-501					Transmission Tests - Using No. 12 Type or SD-91016-01 (J94020A) Transmission Measuring Set
→ A272.836	CANCEL - SEE	220-414-501	A7				Test of Motor Stop Alarm - No. 1
	SEE 216-751-501 FOR		A6				Crossbar and Crossbar Tandem Offices
A272.841	CANCEL - SEE	216-750-501					Fuse Alarms
Add. A272.848							Alarm Sending and Transfer Circuits
A272.848	CANCEL - SEE	216-771-501					
A272.851	CANCEL - SEE	216-761-501					Ringling Interrupter and Alarm Circuit
A272.856	CANCEL - SEE	216-793-501					Dial Coin Zone Concentrating Circuit- Miscellaneous Tests - No. 1 Step-by- Step with AMA, Panel and No. 1 Crossbar Offices.
A272.960	CANCEL - SEE	216-253-501					Code Compressor - Tests Using Code Compressor Trouble Indicator - Panel and No. 1 Crossbar Offices
A272.961	CANCEL - SEE	216-253-503					Code Compressor Connector Tests for No. 1 Crossbar and Panel Offices

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
→ SUB - DIVISION A274 THROUGH A 277

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A274.)							
A275.) NO. 5 CROSSBAR OFFICES							
A274.000 LINE LINK AND CONNECTOR CIRCUITS							
→ A274.001 CANCEL - SEE				218-112-501			Line Link and Line Link Connector Frames - Nonwire-Spring-Relay Type
→ A274.002 CANCEL - SEE				218-112-503			Line Link Circuits - Wire-Spring-Relay Type
A274.050 TRUNK LINE AND CONNECTOR CIRCUITS							
→ A274.051 CANCEL - SEE				218-115-501			Trunk Link and Connector Circuits - Nonwire-Spring-Relay Type
→ A274.052 CANCEL - SEE				218-115-503			Trunk Link Circuits - Wire-Spring-Relay Type
A274.100 MARKER, DECODER AND ASSOCIATED CONNECTOR CIRCUITS							
→ A274.101 CANCEL - SEE				218-122-501			Combined and Completing Marker Circuits - Using Master Test Frame
→ A274.102 CANCEL - SEE				218-120-501			Dial Tone Marker Circuits - Using Master Test Frame
→ Add. A274.106							Combined and Completing Markers - Miscellaneous Tests
→ A274.106 CANCEL - SEE				218-122-502			
→ Add. A274.107							Dial Tone Markers - Miscellaneous Tests
→ A274.107 CANCEL - SEE				218-718-501			
→ Add. A274.111							Marker Connectors - Nonwire-Spring-Relay Type
→ A274.111 CANCEL - SEE				218-125-501			
→ A274.112 CANCEL - SEE				218-712-501			Line Link Marker Connectors Wire-Spring-Relay Type
→ Add. A274.113							Originating and Incoming Register Marker Connectors - Wire-Spring-Relay Type
→ A274.113 CANCEL - SEE				218-730-501			
→ A274.116 CANCEL - SEE				218-719-501			Master Traffic Control Circuit - SD-26020-01 - Wire-Spring-Relay Type for Marker Connectors
→ A274.121 CANCEL - SEE				218-130-501			Pretranslator - Using Master Test Frame
→ A274.122 CANCEL - SEE				218-720-503			Pretranslator - Miscellaneous Tests

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A274. 100 MARKER, DECODER AND ASSOCIATED CONNECTOR CIRCUITS (CONTINUED)							
→ A274.131	CANCEL - SEE	218-721	501				Pretranslator Connectors
→ A274.141	CANCEL - SEE	218-724	501				Foreign Area Translator
→ A274.146	CANCEL - SEE	218-725	501				Foreign Area Translator Connectors
A274. 150)							
A274. 160) REGISTER AND REGISTER LINK CIRCUITS							
→ Add. A274.151							Dial Pulse Originating Registers -
→ A274.151	CANCEL - SEE	218-135	501				Using Automatic Monitor, Register and Sender Test Circuit SD-25680- 01
→ A274.156	CANCEL - SEE	218-137	501				Dial Pulse Incoming Register - Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01
→ A274.157	CANCEL - SEE	218-139	501				Revertive Pulse Incoming Registers - Using Automatic Monitor, Register and Sender Test Circuit
→ Add. A274.158							Central B Revertive Pulse Incoming
→ A274.158	CANCEL - SEE	218-139	506				Registers - Using Master Test Frame
→ A274.161	CANCEL - SEE	218-143	501				Multifrequency Incoming Register - Using Automatic Monitor Register and Sender Test Circuit
→ A274.165	CANCEL - SEE	218-145	501				Group Busy Circuits for Originating and Incoming Registers
→ A274.171	CANCEL - SEE	218-139	508				Revertive Pulse Interrupter of Ter- minating Senders and Incoming Regis- ters
→ A274.181	CANCEL - SEE	218-135	508				Dial Pulse Originating Registers - Using Register Test Set SD-25676-01 (J24756B)
→ Add. A274.186							Dial Pulse Incoming Registers -
→ A274.186	CANCEL - SEE	218-137	508				Using Register Test Set
→ Add. A274.187							Revertive Pulse Incoming Registers -
→ A274.187	CANCEL - SEE	218-139	508				Using Register Test Set SD-25676- 01 (J24756B)
→ A274.188	CANCEL - SEE	218-139	507				- For Use with Central B Switchboard - Using Incoming Register Test Circuit
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A274.150)							
A274.160)	REGISTER AND REGISTER LINK CIRCUITS (CONTINUED)						
→ Add. A274.191				CANCELLED			Multifrequency Incoming Registers -
→ A274.191	CANCEL - SEE	218-143-503					Using Register Test Set SD-25676-01 (J24756B)
→ Add. A274.193							Revertive Pulse Incoming Registers -
→ A274.193	CANCEL - SEE	218-139-505					Tandem Operation - Using Incoming Register Test SD-25676-01 (J24756B)
→ A274.196	CANCEL - SEE	218-147-501					Incoming Register Link Circuits - Nonwire - Spring-Relay Type
→ Add. A274.197							Incoming Register Link Circuits -
→ A274.197	CANCEL - SEE	218-732-501					Wire-Spring-Relay Type
A274.200 SENDER. SENDER LINK AND CONNECTOR CIRCUITS							
→ Add. A274.201							Outgoing Dial Pulse Senders - Using Automatic Monitor, Register and Sender Test Circuit
→ A274.201	CANCEL - SEE	218-150-501					
→ Add. A274.202							PCI Outgoing Senders - Using Automatic Monitor, Register and Sender Test Circuit
→ A274.202	CANCEL - SEE	218-752-501					
→ Add. A274.203							Revertive Pulse Outgoing Senders - Using Automatic Monitor, Register and Sender Test Circuit
→ A274.203	CANCEL - SEE	218-154-501					
→ A274.204	CANCEL - SEE	218-158-501					Inter-Marker Group Senders
→ A274.206	CANCEL - SEE	218-156-501					Multifrequency Outgoing Senders - Using Automatic Monitor, Register and Sender Test Circuit
→ Add. A274.211							Outgoing Sender Connector and Outgoing Sender Link Circuits
→ A274.211	CANCEL - SEE	218-160-501					
→ Add. A274.212							Outgoing Dial Pulse Senders - Using Sender Test Set SD-25674-01 (J24756A)
→ A274.212	CANCEL - SEE	218-150-503					
→ Add. A274.213							PCI Outgoing Senders - Using Sender Test Set SD-25674-01 (J24756A)
→ A274.213	CANCEL - SEE	218-192-503					
→ Add. A274.214							Revertive Pulse Outgoing Senders - Using Sender Test Set SD-25674-01 (J24756A)
→ A274.214	CANCEL - SEE	218-154-503					
→ A274.217	CANCEL - SEE	218-156-503					Multifrequency Outgoing Senders - Using Sender Test Set SD-25674-01 (J24756A)

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A274. 250 NUMBER GROUP AND NUMBER GROUP CONNECTOR CIRCUITS							
→ A274.251	CANCEL - SEE	218-165	-501				Number Group and Connector Circuit
→ Add. A274.252							Number Group Circuits - Wire-Spring
→ A274.252	CANCEL - SEE	218-165	-503				-Relay Type
→ A274.271	CANCEL - SEE	218-764	-501				Preference Control and Make-Busy Circuits - Wire-Spring-Relay Type - For Line Link, Trunk Link, Number Group, and Outgoing Sender Connectors
A274. 400)							
A274. 500) TRUNKS AND SUBSCRIBER LINES							
→ A274.402	CANCEL - SEE	218-247	-501				Intraoffice Trunk Circuits - Using Trunk Test Circuit SD-25918-01
A274.404		1	NS				Miscellaneous Tests - No. 5 Cross- bar Offices
→ A274.406	CANCEL - SEE	218-249	-502				Intermarker Group Trunks - Sub- scriber to Subscriber - Using Trunk Test Circuit SD-25918-01
→ A274.407	CANCEL - SEE	218-249	-503				- Trunk to Subscriber - Using Trunk Test Circuit SD-25918-01
→ A274.408	CANCEL - SEE	218-249	-501				- Subscriber to Trunk - Using Trunk Test Circuit SD-25918-01
→ A274.412	CANCEL - SEE	218-279	-501				Reverting Call Trunks - Using the Trunk Test Circuit SD-25918-01
→ A274.422	CANCEL - SEE	218-271	-501				Outgoing Trunk and Junctor Circuits - Using Trunk Test Circuit SD- 25918-01
Add. A274.423				CANCELLED			Outgoing Trunks - Using Manual Outgoing Trunk Test Frame SD- 95476-01
→ A274.423	CANCEL - SEE	218-273	-501				
→ A274.425	CANCEL - SEE	218-262	-501				Outgoing Interoffice Trunks, Intra- office Trunks, and Intermarker Group Trunks Subscriber-to- Subscriber - Using Automatic Progression Trunk Test Circuit, SD-25938-01
→ Add. A274.426							Combination Outgoing and Toll Switch- ing Trunks
→ A274.426	CANCEL - SEE	218-270	-501				
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SECTION NO.		COMPANY or AREA						SUBJECT
		ISSUE - CODE						
		ATT	PWB	W-I	CODE	0	CODE	
A274. 400)								
A274. 500) TRUNKS AND SUBSCRIBER LINES (CONTINUED)								
→	A274.432	CANCEL	-	SEE	218-282	501		Recording-Completing, Special Service, Vacant Code Intercepting and Associated Auxiliary Trunk Circuits - Using Trunk Test Circuit SD-25918-01
→	Add. A274.441							
→	A274.441	CANCEL	-	SEE	218-283	501		Verification Request, Intercepting and Information Service Trunks from Line Link Frame - Using Master Test Frame
→	Add. A274.442							
→	A274.442	CANCEL	-	SEE	218-225	501		Emergency Line Circuits
→	A274.443	CANCEL	-	SEE	218-226	501		Emergency Transfer Circuits
→	A274.453	CANCEL	-	SEE	218-268	501		Outgoing Intertoll Trunks Using Trunk Test Circuit SD-25918-01
→	A274.454	CANCEL	-	SEE	218-269	501		Outgoing Trunks for Intertoll Completion
→	A274.455	CANCEL	-	SEE	218-267	501		Auxiliary Outgoing Trunks and Toll Switching Trunks - Using Trunk Test Circuit SD-25918-01
→	A274.457	CANCEL	-	SEE	218-266	501		Auxiliary Outgoing Trunks for Use with Ringdown Intertoll Trunks - Using Trunk Test Circuit SD-25918-01
→	A274.458	CANCEL	-	SEE	218-265	501		Auxiliary Outgoing Trunks to PBX Tie Trunks, Recorded Telephone Diction Trunks, or 3A Code Call Circuits - Using Trunk Test Circuit SD-25918-01
→	A274.459	CANCEL	-	SEE	218-291	501		Dial Coin Zone - Outgoing Trunk or Junctor Circuit - Using Trunk Test Circuit SD-25918-01
→	A274.471	CANCEL	-	SEE	218-264	501		Outgoing Announcement Trunks - Using Trunk Test Circuit SD-25918-01
→	Add. A274.481							
→	A274.481	CANCEL	-	SEE	218-245	501		Customer Line and Outgoing Trunk Conductors - Voltmeter Tests - Using Master Test Frame
→	Add. A274.502							
→	A274.502	CANCEL	-	SEE	218-251	501		Incoming Trunk Circuits - Using Trunk Test Circuit SD-25918-01
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SECTION NO.

SUBJECT

A274.400)
A274.500) TRUNKS AND SUBSCRIBER LINES (CONTINUED)

ATT	PNB	W-I	CODE	O	CODE	
→ Add. A274.503						Toll Switching Trunks, Operator
→ A274.503	CANCEL - SEE	218-254	501			Completing Trunks and Operator
						Junctor Circuits from No. 1, 3, 3C,
						or 3CL Toll Switchboards in the
						Same Building
→ A274.510	CANCEL - SEE	218-284	501			Trunks to Local Test Desk and As-
						sociated Auxiliary Trunks - Using
						Trunk Test Circuit SD-25918-01
→ A274.513	CANCEL - SEE	218-253	501			Incoming Trunks - Using Manual
						Outgoing Trunk Test Circuit SD-
						95476-01
→ A274.518	CANCEL - SEE	218-252	501			Incoming and 2-Way Intertoll Trunks
						- Using Trunk Test Circuit SD-25918-01
→ A274.521	CANCEL - SEE	218-272	501			Outgoing Trunks and Outgoing Portion of
						Intraoffice Arrangements - Wide Area
						Data Service Only - Tests Using Trunk
						Test Circuit SD-25918-01 - No. 5
						Crossbar Offices
→ A274.522	CANCEL - SEE	218-274	501			Incoming Intertoll Trunks and Incoming
						Portion of Intraoffice Arrangements,
						Wide Area Data Service Using Trunk
						Test Circuit SD-25918-01 - No. 5 Cross-
						bar Offices
→ Add. A274.542						Outgoing Information, Outgoing Repair
→ A274.542	CANCEL - SEE	218-280	501			Service, Outgoing Official PBX, Common
						Overflow, Tone and Associated Auxiliary
						Trunks - Using Trunk Test Circuit
						SD-25918-01
→ Add. A274.543						Free Trunks and Associated Auxiliary
→ A274.543	CANCEL - SEE	218-285	501			Trunks - Using Trunk Test Circuit
						SD-25918-01
→ A274.546	CANCEL - SEE	218-258	501			Two-Way Trunks - To Community Dial Of-
						fices - Using Trunk Test Circuit SD-
						25918-01
→ A274.552	CANCEL - SEE	218-286	501			Permanent Signal Holding Trunk, Con-
						centrating, Timing and Associated
						Auxiliary Trunk Circuits - Using
						Trunk Test Circuit SD-25918-01
→ A274.555	CANCEL - SEE	218-290	501			Stuck Coin Trunks - Using Trunk Test
						Circuit SD-25918-01
→ A274.558	CANCEL - SEE	218-287	501			No-Such Number Signal Tone Trunks
						- Using Trunk Test Circuit SD-25918-01
→ A274.559	CANCEL - SEE	218-288	501			No-Circuit Signal Trunks - Wire-Spring-
						Relay Type - Using Trunk Test Circuit
						SD-25918-01

SECTION NO.		COMPANY or AREA						SUBJECT	
		ISSUE - CODE							
		ATT	PNB	W-I	CODE	0	CODE		
A274.700 AUTOMATIC MESSAGE ACCOUNTING									
→	A274.701 CANCEL - SEE				218-172-501			Transverter (SD-25591-01) - Using Master Test Frame	
→	Add. A274.706							Transverter - Miscellaneous Tests	
→	A274.706 CANCEL - SEE				218-172-503				

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A274. 700 AUTOMATIC MESSAGE ACCOUNTING (CONTINUED)							
→ A274.711 CANCEL - SEE	218	739	501				Transverter Connectors
→ A274.721 CANCEL - SEE	218	174	501				Recorder and Recorder Connector Circuits
A274.731 CANCEL - SEE	SECTION	204	437				Call Identity Indexer
→ A274.741 CANCEL - SEE	218	170	501				Translators - Using Master Test Frame - No. 5 Crossbar Offices - Arranged for LAMA or ANI
Add. A274.751	1	1	1	A5	NS		Master Timing Circuit - No. 5 Crossbar Offices - Arranged for AMA
A274.751	2	2	2	A5	NS		
A274. 800 CENTRALIZED AUTOMATIC MESSAGE ACCOUNTING							
→ Add. A274.801							CAMA Transverters Using Master Test Frame
→ A274.801 CANCEL - SEE	218	178	501				
→ A274.803 CANCEL - SEE	218	184	501				CAMA Incoming Trunk Circuits - Using Trunk Test Circuit SD-25918-01
→ A274.804 CANCEL - SEE	218	188	501				CAMA Calls Waiting Signal Circuit
→ A274.805 CANCEL - SEE	218	186	501				CAMA Suspension Circuit
→ A274.806 CANCEL - SEE	218	178	503				Transverter - SD-26010-01 - Miscellaneous Tests
→ A274.807 CANCEL - SEE	218	185	501				CAMA Intermarker Group Trunk Circuits - Using Trunk Test Circuit SD-25918-01
→ A274.811 CANCEL - SEE	218	179	501				Transverter Connectors SD-26011-01
→ Add. A274.816							CAMA Billing Indexes
→ A274.816 CANCEL - SEE	218	181	501				
→ A274.819 CANCEL - SEE	218	187	501				Peg Count Registers for CAMA Initial Entries
→ A274.821 CANCEL - SEE	218	189	501				Line Observing Number Matching Circuit
→ Add. A274.824							CAMA Junctor Circuits
→ A274.824 CANCEL - SEE	218	183	501				
→ Add. A274.826							CAMA Senders
→ A274.826 CANCEL - SEE	218	180	501				
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		COMPANY or AREA							
		ISSUE - CODE							
SECTION NO.		ATT	PNB	W-I	CODE	0	CODE	SUBJECT	
A274. 800 CENTRALIZED AUTOMATIC MESSAGE ACCOUNTING (CONTINUED)									
→	A274.831	CANCEL - SEE	218-182	501				CAMA Position Links	
→	A274.911	CANCEL - SEE	218-192	501				ANI Transverter Tests Using Master Test Frame - No. 5 Crossbar Offices	
→	A274.912	CANCEL - SEE	218-737	501				ANI Transverter Misc. Tests	
→	A274.916	CANCEL - SEE	218-738	501				ANI Transverter Connectors	
A275. 500 TESTING EQUIPMENT AND TROUBLE RECORDER									
→	A275.501	CANCEL - SEE	218-744	501				Incoming Trunk For Message Register Test - Voltage Adjustment Test	
→	A275.541	CANCEL - SEE	218-216	501				Master Test Frame Connector - Preference and Lockout Chains	
→	A275.551	CANCEL - SEE	218-218	502				KS-13834 Perforator and Trouble Recorder Circuit	
→	A275.552	CANCEL - SEE	218-218	501				- Using Trouble Recorder Test Circuit SD-25682-01	
→	Add. A275.561							Line Insulation Test Frame - Maintenance and Calibration Tests	
→	A275.561	CANCEL - SEE	218-770	501					
A275. 800 MISCELLANEOUS									
→	A275.807	CANCEL - SEE	218-710	501				Manual Test of Line Load Control Equipment	
→	Add. A275.816							Traffic Registers	
→	A275.816	CANCEL - SEE	218-232	501					
→	A275.817	CANCEL - SEE	218-233	501				Plant Registers	
→	A275.818	CANCEL - SEE	218-740	501				Call Count Process Control - Storage and Register Circuit	
→	A275.821	CANCEL - SEE	218-758	501				Permanent Signal Alarm Circuit	
→	A275.822	CANCEL - SEE	218-734	501				Sender Group Busy Alarm Circuit SD-25500-01	
→	Add. A275.828							Alarm Sending Circuits	
→	A275.828	CANCEL - SEE	218-756	501					
→	A275.833	CANCEL - SEE	218-246	501				Trunk Transmission Tests - Using Master Test Frame	
→	A275.852	CANCEL - SEE	218-201	501				Coin Supervisory and Coin Supervisory Concentrating Circuits - Using Trunk Test Circuit SD-25918-01	
→	A275.853	CANCEL - SEE	218-202	501				Coin Supervisory Release Circuits - Using Master Test Frame	
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PMB	W-I	CODE	0	CODE	SUBJECT
A275. 800 MISCELLANEOUS (CONTINUED)							
→ A275.858	CANCEL - SEE	218-203	501				Coin Supervisory Links - Nonwire-Spring-Relay Type
→ Add. A275.859							
→ A275.859	CANCEL - SEE	218-741	501				Coin Supervisory Link Circuits - Wire-Spring-Relay Type
→ A275.860	CANCEL - SEE	218-209	501				Dial Coin Zone Concentrators
→ A275.861	CANCEL - SEE	218-229	501				Dial Long Line Circuits - Coin - Wire-Spring-Relay Type
→ A275.862	CANCEL - SEE	218-765	501				No-Such Number Tone Signal Circuit SD-25831-01
→ A275.863	CANCEL - SEE	218-766	501				- SD-25791-01
→ A275.865	CANCEL - SEE	218-230	501				Dial Long Line Circuits - 2-Party Message Rate - Wire-Spring-Relay Type
→ A275.866	CANCEL - SEE	218-237	501				60 and 120 IPM Interrupter Circuits
→ A275.867	CANCEL - SEE	218-754	501				- Ringing Machine Operated
→ A275.870	CANCEL - SEE	218-219	501				Time of Day Circuit
→ A275.871	CANCEL - SEE	218-748	501				Message Register Power Supply and Associated No Voltage Alarm Circuit
→ A275.872	CANCEL - SEE	218-252	501				Fuse Alarms
→ Add. A275.876							
→ A275.876	CANCEL - SEE	218-227	501				Auxiliary Line and Line Auxiliary Circuits - Serving One Office
→ A275.877	CANCEL - SEE	218-227	502				Auxiliary Line Circuits - Serving More than One Office in the Same Building
→ A275.878	CANCEL - SEE	218-228	501				Auxiliary Line and Allotter Circuit - Wide Area Data Service - No. 5 Crossbar Offices
→ A275.881	CANCEL - SEE	218-281	501				Official PBX Trunks
→ A275.885	CANCEL - SEE	218-762	501				Directional Reservation Circuits
A276. TESTS USING TEST FRAMES - NO. 5 CROSSBAR OFFICES							
→ A276.002	CANCEL - SEE	218-410	501				Line Link Circuits
→ A276.052	CANCEL - SEE	218-415	501				Trunk Link Circuits
				Printed in U.S.A.			

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A276. TESTS USING TEST FRAMES - NO 5 CROSSBAR OFFICES (CONTINUED)							
→ A276.101	CANCEL	SEE	218-422-501				Completing Markers
→ A276.102	CANCEL	SEE	218-420-501				Dial Tone Marker Circuits
→ A276.106	CANCEL	SEE	218-422-502				Completing Markers - Miscellaneous Tests
→ Add. A276.107							Dial Tone Markers - Miscellaneous Tests
→ A276.107	CANCEL	SEE	218-718-501				
→ A276.112	CANCEL	SEE	218-712-501				Line Link Marker Connectors Wire-Spring-Relay Type Tests
→ Add. A276.113							Originating and Incoming Register Marker Connectors - Wire-Spring-Relay Type
→ A276.113	CANCEL	SEE	218-730-501				Type
→ A276.116	CANCEL	SEE	218-719-501				Master Traffic Control Circuits - SD-26020-01 - Wire-Spring-Relay Type Tests
→ A276.121	CANCEL	SEE	218-432-502				Pretranslator
→ A276.122	CANCEL	SEE	218-720-503				Pretranslator - Miscellaneous Tests
→ A276.131	CANCEL	SEE	218-721-501				Pretranslator - Connectors Tests
→ Add. A276.201							Dial Pulse Originating Registers
→ A276.201	CANCEL	SEE	218-436-501				
→ Add. A276.206							Dial Pulse Incoming Registers
→ A276.206	CANCEL	SEE	218-439-501				
→ Add. A276.211							Multifrequency Incoming Registers
→ A276.211	CANCEL	SEE	218-443-501				
→ A276.215	CANCEL	SEE	218-435-501				Group-Busy Circuits for Originating and Incoming Register Tests
→ A276.217	CANCEL	SEE	218-732-501				Incoming Register Link Circuits - Wire Spring-Relay Type Tests
→ A276.301	CANCEL	SEE	218-450-501				Outgoing Dial Pulse Senders
→ A276.306	CANCEL	SEE	218-456-501				Multifrequency Outgoing Senders
→ A276.311	CANCEL	SEE	218-460-501				Outgoing Sender Connector and Outgoing Sender Link Circuits
→ A276.402	CANCEL	SEE	218-465-501				Number Group Circuits
→ A276.502	CANCEL	SEE	218-547-501				Intraoffice Trunk Circuits
→ Add. A276.505							Reverting Call Trunks
→ A276.505	CANCEL	SEE	218-580-501				

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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A276. TESTS USING TEST FRAMES - NO. 5 CROSSBAR OFFICES (CONTINUED)							
→ Add. A276.512							Outgoing Trunk and Junctor Circuits
→ A276.512 CANCEL - SEE	218	571	501				
→ A276.515 CANCEL - SEE	218	582	501				Recording Completing, Special Service and Vacant Code Intercepting Trunk Circuits
→ A276.521 CANCEL - SEE	218	583	501				Verification Request, Intercepting, and Information Service Trunks From Line Link Frame
→ A276.522 CANCEL - SEE	218	525	501				Emergency Line Circuits
→ A276.523 CANCEL - SEE	218	526	501				Emergency Transfer Circuit Dial to Manual Service
→ A276.528 CANCEL - SEE	218	565	501				Auxiliary Outgoing Trunks to PBX Tie Trunks, Recorded Telephone Dictation Trunks, or 3A Code Call Circuits
→ A276.531 CANCEL - SEE	218	561	501				Outgoing Announcement Trunks
→ Add. A276.535							Incoming Trunk Circuits
→ A276.535 CANCEL - SEE	218	551	501				
→ A276.540 CANCEL - SEE	218	584	501				Trunks to Local Test Desks
→ A276.542 CANCEL - SEE	218	561	501				Common Overflow, Tone, Outgoing Information, Ongoing Official PBX, and Repair Service Trunks
→ A276.543 CANCEL - SEE	218	585	501				Free Trunks
→ A276.547 CANCEL - SEE	218	586	501				Permanent Signal Holding Trunk, Timing and Associated Auxiliary Circuits
→ A276.601 CANCEL - SEE	218	472	501				LAMA Transverters
→ A276.606 CANCEL - SEE	218	472	503				LAMA Transverters - Miscellaneous Tests - Using Trouble Indicator
→ A276.611 CANCEL - SEE	218	739	501				LAMA Transverters Connectors Test
→ A276.621 CANCEL - SEE	218	474	501				LAMA Recorder and Recorder Connector Circuits
→ A276.641 CANCEL - SEE	218	470	501				LAMA Translator SD-26019-01
→ A276.711 CANCEL - SEE	218	714	501				Incoming Trunk For Message Register Test Voltage Adjustment Test
				Printed in U.S.A.			Page 11

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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	0	CODE	
A276. TESTS USING TEST FRAMES - NO. 5 CROSSBAR OFFICES (CONTINUED)							
→	A276.816	CANCEL - SEE	218-532	501			Traffic Registers
→	A276.817	CANCEL - SEE	218-533	501			Plant Registers
→	A276.818	CANCEL - SEE	218-740	501			Call Count Process Control Storage and Register Circuit No. 1 Step-by-Step Offices - No. 1 and No. 5 Crossbar Offices
→	A276.821	CANCEL - SEE	218-758	501			Permanent Signal Alarm Circuit Tests
→	A276.822	CANCEL - SEE	218-734	501			Sender Group-Busy Alarm Circuits SD-25500-01
→	A276.823	CANCEL - SEE	218-764	501			Preference Control and Make-Busy Circuits - Wire-Spring-Relay Type for Line Link, Trunk Link, Number Group, Outgoing Sender Connectors, and 4-Wire Register Priority Link Circuit Tests
→	A276.828	CANCEL - SEE	218-750	501			Alarm Sending Circuits Tests
→	A276.833	CANCEL - SEE	218-546	501			Trunks - Transmission Tests
→	A276.852	CANCEL - SEE	218-501	501			Coin Supervisory and Coin Supervisory Concentrating Circuits
→	A276.853	CANCEL - SEE	218-502	501			Coin Supervisory Release Circuits
→	A276.859	CANCEL - SEE	218-741	501			Coin Supervisory Release Circuits - Wire-Spring-Relay Type
→	A276.861	CANCEL - SEE	218-529	501			Dial Long Line Circuits - Coin
→	A276.865	CANCEL - SEE	218-530	501			Dial Long Line Circuits - 2-Party Message Rate
→	A276.867	CANCEL - SEE	218-754	501			60 or 120 IPM Interrupter Circuit Ringing Machine Operated
→	A276.871	CANCEL - SEE	218-748	501			Message Register Power Supply and Associated No Voltage Alarm Circuit
→	A276.872	CANCEL - SEE	218-752	501			Fuse Alarms
→	A276.876	CANCEL - SEE	218-528	501			Outgoing Auxiliary Line Circuit SD-26164-01 For Public Emergency Reporting Service

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A276. TESTS USING TEST FRAMES - NO. 5 CROSSBAR OFFICES (CONTINUED)							
→	A276.881	CANCEL - SEE	218-566	501			Official PBX Trunks
→	A276.886	CANCEL - SEE	218-527	501			Auxiliary Line Circuit SD-26165-01
→	A277.002	CANCEL - SEE	218-905	501			4-Wire Line Link Circuits Test Using Master Test Frame No. 5 Cross- bar Offices
→	A277.021	CANCEL - SEE	218-901	501			4-Wire Auxiliary Line Circuits Test Using 19A Toll Testboard No. 5 Cross- bar Offices
→	A277.026	CANCEL - SEE	218-903	501			Four-Wire Operator Originating Line Circuit - Test Using 19A Toll Test- board and 5D Toll Switchboard - No. 5 Crossbar Offices
→	A277.052	CANCEL - SEE	218-909	501			4-Wire Trunk Link Circuits Tests Using Master Test Frame No. 5 Cross- bar Offices
→	A277.181	CANCEL - SEE	218-920	501			Originating Registers for Use With 4-Wire Lines SD-25676-01 (J24756 B)
→	A277.183	CANCEL - SEE	218-922	502			4-Wire Register Priority Link Circuit - Miscellaneous Tests - No. 5 Crossbar Offices
→	A277.191	CANCEL - SEE	218-926	501			Four-Wire Multifrequency Incoming Registers - Tests Using Test Set SD-25676-01 (J24756B) - No. 5 Cross- bar Offices
→	A277.217	CANCEL - SEE	218-924	501			4-Wire Multifrequency Outgoing Senders - Using Sender Test Set SD-25674-01 (J24756A) - No. 5 Crossbar Offices
→	A277.402	CANCEL - SEE	218-948	501			4-Wire Intraoffice Trunk Circuits - Tests Using Trunk Test Circuit SD-25918-01 - No. 5 Crossbar Offices
→	A277.406	CANCEL - SEE	218-940	501			4-Wire Toll Switching Trunk Circuits Tests Using No. 5D Switchboards In Same Building

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SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A276. TESTS USING TEST FRAMES - NO. 5 CROSSBAR OFFICES (CONTINUED)							
→ A277.411	CANCEL - SEE	218	941	501			4-Wire Intercepting Trunk Circuits From Line Link Frame
→ A277.426	CANCEL - SEE	218	954	501			4-Wire Recording Completing or Vacant Code - Intercepting Trunk Circuit - Test Using Trunk Test Circuit SD-25918-01 - No. 5 Crossbar Offices
→ A277.428	CANCEL - SEE	218	944	501			4-Wire Tone, Announcement, and Permanent Signal Overflow Trunk Circuits - Tests Using Trunk Test Circuit SD-25918-01 - No. 5 Crossbar Offices
→ A277.451	CANCEL - SEE	218	930	501			4-Wire Interrupter Circuit SD-27510-01 - One-, 1-1/3, 2-, or 4-IPM For Use With Intertoll Trunk Circuits - Test - No. 5 Crossbar Offices
→ A277.453	CANCEL - SEE	218	946	501			4-Wire 2-Way Intertoll Trunks - Tests Using Trunk Test Circuit SD-25918-01 - No. 5 Crossbar Offices
→ A277.552	CANCEL - SEE	218	942	501			4-Wire Permanent Signal Holding Trunk and Timing Circuits - Tests Using Test Circuit SD-25918-01 - No. 5 Crossbar Offices

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A278

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A278. CROSSBAR TANDEM OFFICES							
A278.000 INCOMING TRUNKS							
→ A278.001	CANCEL - SEE	220-138	501				Incoming Trunks Arranged for Remote Control Zone Registration - Using Automatic Test Circuit
→ A278.011	CANCEL - SEE	220-137	501				Tandem Office Trunk Circuit Not Arranged for Remote Control Zone Registration - Using Manual Test Set
→ A278.012	CANCEL - SEE	220-137	503				Incoming Trunks Not Arranged for Remote Control Zone Registration or CAMA - Using Test Set SD-25518-01 or SD-27058-01
→ A278.013	CANCEL - SEE	220-137	504				Incoming Trunks - Using Manual Outgoing Trunk Test Circuit SD-95476-01
→ A278.021	CANCEL - SEE	220-139	501				Auxiliary Incoming Trunk Circuit - Composite Signaling Type B - Using Auxiliary Trunk Test Set SD-96424-01
→ A278.031	CANCEL - SEE	220-136	501				Incoming Trunks Arranged for AMA - Using Automatic Test Circuit SD-25960-01
→ A278.041	CANCEL - SEE	220-160	501				Trunk Circuits - Automatic Incoming Test Circuit SD-25161-01
A278.100 TRUNK LINK AND CONNECTOR AND ASSOCIATED CIRCUITS							
→ A278.101	CANCEL - SEE	220-130	501				Manual Test of Trunk Link and Connector Circuits
→ A278.201	CANCEL - SEE	220-128	501				Office Link and Connector Circuits - No. 1 Crossbar and Crossbar Tandem Offices
A278.300 SENDER AND SENDER LINK AND CONTROLLER CIRCUITS							
→ Add. A278.301							Revertive Pulse, Dial Pulse, and Multifrequency Senders - Using Automatic Sender Test Frame SD-25364-01
→ A278.301	CANCEL - SEE	220-101	502				
→ Add. A278.311							Dial Pulse Senders - Step-by-Step Areas - Using Automatic Test Frame
→ A278.311	CANCEL - SEE	220-101	501				
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FWB	W-I	CODE	0	CODE	SUBJECT
A278. 300 SENDER AND SENDER LINK AND CONTROLLER CIRCUITS (CONTINUED)							
→ A278.315	CANCEL	- SEE	220-115	501			Incoming Register Circuit (Dial Pulsing) - Line Alarm Test
→ A278.316	CANCEL	- SEE	220-118	501			Incoming Register Link - Miscellaneous Tests
→ Add. A278.321							Sender Link and Controller
→ A278.321	CANCEL	- SEE	220-105	501			
→ A278.322	CANCEL	- SEE	220-107	501			Sender Register Connectors - Timing Tests
→ A278.331	CANCEL	- SEE	220-103	501			PCI, Dial Pulse, and Multifrequency Senders and Dial Pulse Incoming Registers - Using Sender Test Frame SD-25963-01
→ A278.351	CANCEL	- SEE	220-115	503			Revertive Pulse Interrupter of Terminating Senders and Incoming Registers
A278. 400 MARKER AND MARKER CONNECTOR CIRCUITS							
→ Add. A278.401	CANCEL	- SEE	220-121	501			Markers and Translators Using Trouble Indicator Crossbar Tandem Offices
→ A278.401	CANCEL	- SEE	220-121	501			Marker - Using Trouble Indicator
→ Add. A278.402	CANCEL	- SEE	220-121	503			Markers and Translators Using Trouble Recorder Frame - Crossbar Tandem Offices
→ A278.402	CANCEL	- SEE	220-121	503			Markers and Foreign Area Translators Using Trouble Recorder Frame
→ A278.421	CANCEL	- SEE	220-121	505			- Miscellaneous Tests
→ A278.451	CANCEL	- SEE	220-125	501			Marker Connectors per SD-25360-01 for Use with Revertive Pulse Sender
→ A278.454	CANCEL	- SEE	220-125	503			Marker Connectors per SD-25488-01 for Use with Revertive and Dial Pulse Senders
A278. 500 TESTING EQUIPMENT							
→ A278.516	CANCEL	- SEE	220-457	501			Trunk Automatic Test Circuit - Arranged for Zone Registration
→ A278.521	CANCEL	- SEE	220-461	501			Incoming Trunk Automatic Test Circuit SD-25161-01 - Tests
→ A278.531	CANCEL	- SEE	220-459	501			- SD-25960-01 - Arranged for AMA
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A278. 500 TESTING EQUIPMENT (CONTINUED)							
Add. A278.551							Sender Test Frame SD-25963-01
A278.551				220-451-501			
A278.556				220-463-501			KS-13834 Perforator and Trouble Recorder Circuit
A278.561				220-455-501			Marker Trouble Indicator
A278. 600 OUTGOING TRUNKS							
Add. A278.612							Outgoing Trunks - Using Manual
A278.612				220-160-503			Outgoing Trunk Test Frame SD-95476-01
A278. 700 AUTOMATIC MESSAGE ACCOUNTING							
A278.701				220-501-501			Transverter - Using Test Frame
A278.706				220-501-503			- Miscellaneous Tests
A278.711				220-503-501			Transverter Connectors
A278.721				220-505-501			Recorder and Recorder Connector Circuit
A278.731				220-507-501			Billing Indexer Circuits - Using Sender Test Frame Arranged for CAMA
A278.732				220-507-503			Billing Indexer - Miscellaneous Tests
→ A278.736							Call Identity Indexer
A278.741				220-513-501			CAMA Suspension Circuit
→ Add. A278.751							Master Timing Circuit - No. 1 Crossbar and Crossbar Tandem Offices - Arranged for AMA
→ A278.751							
A278. 800 MISCELLANEOUS TESTS							
Add. A278.801							Traffic Registers
A278.801				220-401-501			
Add. A278.803							Plant Registers
A278.803				220-403-501			
A278.811				220-412-501			Fuse Alarms
A278.812				220-407-501			Alarm Sending and Transfer Circuits
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A278. 800 MISCELLANEOUS TESTS (CONTINUED)							
A278.831	CANCEL	- SEE	220-409-501				1000 Cycle Transmission Tests
A278.841	CANCEL	- SEE	220-109-501				Intersender Timing Control Circuit
A278.851	CANCEL	- SEE	220-516-503				Calls Waiting Signal Circuit and CAMA 2-Way Signaling Circuit
A278.852	CANCEL	- SEE	220-530-501				Line Observing Circuits - Using Sender Test Frame
Add. A278.855							CAMA Position Link and Controller
A278.855	CANCEL	- SEE	220-517-503				- Miscellaneous Tests - Crossbar Tandem Offices - No. 4A and 4M Toll Switching Systems
A278.856	CANCEL	- SEE	220-517-501				Position Link Circuits - Using Sender Test Frame
A278.857	CANCEL	- SEE	220-515-501				CAMA Position Circuits - Using Sender Test Frame
A278.871	CANCEL	- SEE	220-110-501				Sender Attachment Delay Recorder NO4A and 4M Switching Systems and Crossbar Tandem Offices

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A280 THROUGH A289

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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A280. TELETYPEWRITER EQUIPMENT							
A280.000 GENERAL							
→ A280.041	CANCEL	- SEE	201-614-501				60 I.P.M. Interrupter Alarm and Distribution Circuit
A280.550 LINE CONCENTRATING UNIT NO. 101A							
A280.565				CANCELLED			Toll Subscriber Line Relay Test
A280.568				CANCELLED			Trunk Relay, Link and Sequence Circuits, Using Test Circuit SD-702995-01 Teletypewriter Line Concentrating Unit No. 101A
A280.575				CANCELLED			Miscellaneous Alarm Circuit
A280.576				CANCELLED			All Trunks Busy Circuit
A280.578				CANCELLED			Busy, Out-of-Order, Unassigned Number and Reorder Signal Features of Director - Teletypewriter Line Concentrating Units - Nos. 101A and 102A (Full Duplex Trunk Termination)
A280.600 LINE CONCENTRATING UNIT NO. 102A							
A280.611				CANCELLED			Subscriber Line Circuit (Half-Duplex Trunk Termination)
A280.615				CANCELLED			Toll Subscriber Line Relay Circuit (Half-Duplex Trunk Termination)
A280.618				CANCELLED			Automatic Signaling Operator Office Trunk Circuit (Half-Duplex) and Associated Circuits
A280.621				CANCELLED			Link Circuit (Half-Duplex Trunk Termination)
A280.623				CANCELLED			Sequence Circuit (Half Duplex Trunk Termination)
A280.624				CANCELLED			Miscellaneous Alarms (Full Duplex Trunk Termination)
A280.625				CANCELLED			- (Half-Duplex Trunk Termination)
A280.626				CANCELLED			All Trunks Busy Circuit (Half-Duplex Trunk Termination)
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SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
A280. 600 LINE CONCENTRATING UNIT NO. 102A (CONTINUED)							
A280.628				CANCELLED			Busy, Out-of-Order, Unassigned Number and Reorder Signal Features of Director (Half-Duplex Trunk Termination)
A281. TELETYPEWRITER SWITCHBOARDS - MULTIPLE TYPE							
A281. 100 TELETYPEWRITER SWITCHBOARDS NOS. 1 AND 1A							
CORD AND POSITION CIRCUITS							
A281.101				CANCELLED			Universal Cord and Position Circuits Teletypewriter Switchboard No. 1
A281.102				CANCELLED			Universal Cord Circuit Bias Test - Teletypewriter Switchboard No. 1
A281.108				CANCELLED			Out-of-Order and Make-Busy Cord Circuits - Teletypewriter Switchboard No. 1
A281.109				CANCELLED			Practice Circuit - Teletypewriter Switchboard No. 1
LINE AND TRUNK CIRCUITS							
A281.142				CANCELLED			Subscriber Line Relay Circuit - Teletypewriter Switchboard No. 1
A281.143				CANCELLED			Interoffice Trunk Circuits - Teletypewriter Switchboard No. 1
A281.144				CANCELLED			Interoffice Trunk Relay Circuit - Teletypewriter Switchboard No. 1
A281.149				CANCELLED			Operation Tests of 101A Concentrating Unit Trunk Circuits in Nos. 1 and 1A Switchboard Offices - Telegraph Testboard at the Operator Office
MISCELLANEOUS CIRCUITS							
A281.182				CANCELLED			Conference Circuit - Teletypewriter Switchboard No. 1
A281.183				CANCELLED			Multiple Jack Circuits - Teletypewriter Switchboard No. 1
A281.185				CANCELLED			Supervisor's Circuits - Teletypewriter Switchboard No. 1
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SECTION NO.	ATT	PMB	N-I	CODE	0	CODE	SUBJECT
MISCELLANEOUS CIRCUITS (CONTINUED)							
A281.187				CANCELLED			Regenerative Repeater Circuit - Teletypewriter Switchboard No. 1
A281.200 TELETYPEWRITER SWITCHBOARDS NOS. 3, 3A AND 3C CORD AND POSITION CIRCUITS							
A281.202				CANCELLED			Cord and Position Circuits - Tele- typewriter Switchboards Nos. 3A and 3C
A281.203				CANCELLED			Operator's Training Circuit - Sub- scriber Lines - Teletypewriter Switchboards 3A and 3C
A281.204				CANCELLED			- Intertoll Trunks - Teletypewriter Switchboards 3A and 3C
A281.205				CANCELLED			Regenerative Repeaters and Confer- ence Circuits - Transmission & Operation Tests
A281.206				CANCELLED			Conference Circuits - Teletypewriter Switchboards 3A and 3C
A281.207				CANCELLED			Supervisor's Circuit - Teletypewriter Switchboards 3A and 3C
A281.208				CANCELLED			Out-of-Order and Make-Busy Circuits Teletypewriter Switchboards 3A and 3C
A281.209				CANCELLED			Practice Circuit - Teletypewriter Switchboards 3A and 3C
A281.210				CANCELLED			Service Observing Circuit - Teletype- writer Switchboards 3A and 3C
A281.240				CANCELLED			Cord and Position Circuits - Tele- typewriter Switchboard No. 3
LINE AND TRUNK CIRCUITS							
Add. A281.241 A281.241				CANCELLED			Subscriber Lines - Teletypewriter Switchboard No. 3
Add. A281.242 A281.242				CANCELLED			Subscriber Line Relay Circuit - Teletypewriter Switchboard No. 3
Add. A281.243 A281.243				CANCELLED			Toll Lines and Closed Loop Toll Line Extensions - Teletypewriter Switchboards Nos. 3 and 3A
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SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
LINE AND TRUNK CIRCUITS (CONTINUED)							
Add. A281.244 A281.244				CANCELLED			- Relay Circuits - Teletypewriter Switchboard No. 3
Add. A281.245 A281.245				CANCELLED			Toll Subscriber Lines (Open Loop) - Teletypewriter Switchboard No. 3
Add. A281.246 A281.246				CANCELLED			- Line Terminating Equipment - Teletypewriter Switchboard No. 3
Add. A281.249 A281.249				CANCELLED			Operation Tests of 101A Concentrating Unit - Trunk Circuits in No. 3 Switchboard Offices - Telegraph Testboard at the Operator Office
MISCELLANEOUS CIRCUITS							
Add. A281.282 A281.282				CANCELLED			Conference Circuit - Teletypewriter Switchboard No. 3
Add. A281.287 A281.287				CANCELLED			102A1 Start-Stop Regenerative Repeater - Teletypewriter Switchboard No. 3
A281.300 TELETYPEWRITER SWITCHBOARD NO. 5							
A281.301				CANCELLED			Cord and Position Circuits
A281.306				CANCELLED			Subscriber Lines
A281.311				CANCELLED			Intertoll Trunk Circuits
A281.312				CANCELLED			Intertoll Trunk Relay Circuit
A281.313				CANCELLED			Toll Subscriber Lines
A281.315				CANCELLED			Operation Tests of 101A Concentrating Unit - Trunk Circuits in No. 5 Switchboard Offices - Telegraph Testboard at the Operator Office
MISCELLANEOUS CIRCUITS							
A281.801				CANCELLED			Single Line Repeater - Teletypewriter Switchboard No. 1 (Will Be Renumbered as A281.181)
A282. TELETYPEWRITER SWITCHBOARD NO. 6A							
→ Add. A282.101							Cord and Position Circuit - Operation Test
→ A282.101 CANCEL - SEE 211-802-501							

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A282. TELETYPEWRITER SWITCHBOARD NO. 6A (CONTINUED)							
→ A282.141	CANCEL	- SEE	211-805-501				Incoming Trunks
→ A282.151	CANCEL	- SEE	211-806-501				Outgoing Trunks
→ A282.161	CANCEL	- SEE	211-804-501				Interposition Trunks No. 6A Teletype- writer Switchboard
→ A282.171	CANCEL	- SEE	211-807-501				Position Monitoring Circuit for Use With 6A Teletypewriter Switchboard
→ A282.173	CANCEL	- SEE	211-801-501				Operation Test - Operator Training Desk For Use With 6A Teletypewriter Switch- board
→ A282.181	CANCEL	- SEE	211-808-501				Supervisor or Service Assistant Desk
→ A282.185	CANCEL	- SEE	211-803-501				Conference Circuit - Operation Test
A289. TELETYPEWRITER SWITCHBOARDS - NON - MULTIPLE TYPE							
A289.100 NO. 65 - B - 1 SWITCHBOARD							
A289.111				CANCELLED			Cord and Operator's Circuits
A289.121				CANCELLED			Line Circuits
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					Page 5 5 Pages		



PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A290

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A290. NO. 1 ACCOUNTING CENTER - AUTOMATIC MESSAGE ACCOUNTING SYSTEM							
Add. A290.101	2	2	2	A9	NS		Assembler - Using Test Tapes
A290.101	2	2	2		NS		
Add. A290.103	1	1	1	A9	NS		- Miscellaneous Tests
A290.103	1	1	1		NS		
A290.104	1	1	1	A9	NS		Assembler-Computer - Miscellaneous Tests
→ A290.105	4	4	4	A9	NS		- Using Test Tapes
Add. A290.106	1	1	1	A9	NS		Computer - Using Test Tapes
A290.106	3	3	3		NS		
Add. A290.108	2	2	2	A9	NS		- Miscellaneous Tests
A290.108	1	1	1		NS		
Add. A290.111	1	1	1	A9	NS		Sorter - Using Test Tapes
A290.111	2	2	2		NS		
Add. A290.113	1	1	1	A9	NS		- Miscellaneous Tests
A290.113	1	1	1		NS		
Add. A290.116	1	1	1	A9	NS		Summarizer - Using Test Tapes
A290.116	2	2	2		NS		
Add. A290.118	1	1	1	A9	NS		- Miscellaneous Tests
A290.118	1	1	1		NS		
A290.121	2	2	2	A9	NS		Printer - Using Test Tapes
Add. A290.123	2	2	2	A9	NS		- Miscellaneous Tests
A290.123	1	1	1		NS		
Add. A290.126	1	1	1	A9	NS		Tape Comparer
A290.126	1	1	1		NS		
Add. A290.128	1	1	1	A9	NS		Printer - Comparer - Scanner
A290.128	1	1	1		NS		
Add. A290.131	1	1	1	A9	NS		Converter - Using Test Tapes
A290.131	2	2	2		NS		
Add. A290.133	1	1	1	A9	NS		Tape-to-Card Converter - Miscellaneous Tests
A290.133	1	1	1		NS		
Add. A290.136	1	1	1	A9	NS		Perforator and Reader and Test Unit - Miscellaneous Test
A290.136	2	2	2		NS		
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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A200 - TESTS AND INSPECTIONS
SUB - DIVISION A299

SECTION NO.	COMPANY or AREA						SUBJECT
	ATT	PNB	W-I	CODE	O	CODE	
A299. MISCELLANEOUS							
A299.000 LOCAL PRACTICES							
A299.021		A	A	A10,E12	NS		Special Services - Application of Loading Coils and Repeating Coils
A299.040		B	B	A10,E12	NS		Fire Protection - Attended, Unattended and Agency Central Office Buildings
A299.042		C	C	A10,E12	NS		Inspection of Relays and Relay Contacts Associated with Interrupters, Alarms, and Circuits Used in Step-by-Step, Key Pulsing Automatic Ticketing, and Crossbar Systems
A299.272		CO	NS		CO	A1,A5	Disaster Instruction Emergency Communications Facilities (For Portland Only)
A299.410		A	A	A10,E12	NS		DC Control and Reversing Circuit Associated with Program Amplifiers per Drawing SD-64751-01 - Toll Offices
A299.499		A	A	A10,E12	NS		Transistorized Voice Frequency Amplifier - 447A, 450A, 453A, 455A, 457A (ALTEC) - Transmission Tests
A299.523		B	B	A10,E12	A	A1	Combined Tests of Selectors and Connectors Using the Auxiliary Test Set S4GS-393
A299.525		A	A	A10,E12	NS		Power Panel - Regular Control Equipment
A299.526		A	A	A10,E12	NS		Subscriber's Line Insulation Tests
→ A299.530				CANCELLED			Testing for Gas in Cable Vaults



PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A300 - OPERATING METHODS
SUB - DIVISION A301

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A301. POWER PLANT							
Add. A301.005 CANCEL - SEE	157	601	301				Storage Batteries - Continuous Float Operation of Lead-Acid-Type
A301.005							
A301.007 CANCEL - SEE	157	601	302				- Cycle Charge - Manual Operation
Add. A301.009 CANCEL - SEE	157	601	201				Installation of Countercells and En- closed-Type, Lead-Acid Batteries
A301.009							
A301.015 CANCEL - SEE	157	601	303				Storage Batteries - Continuous Vari- able Current Charge Operation
A301.016 CANCEL - SEE	157	601	305				
A301.017 CANCEL - SEE	157	601	306				- Voltage Relay Charge-Discharge Operation
A301.018 CANCEL - SEE	157	601	307				- Ampere-Hour Meter Charge- Discharge Operation
Add. A301.025 CANCEL - SEE	167	285	301				Station Systems - Line Concentrator No. 1A - KS-15917, List 3 Battery Supply
A301.025							
A301.100 MOTORS AND GENERATORS							
A301.101				CANCELLED			Charging Generators - Commercial Type
Add. A301.105 CANCEL - SEE	155	405	301	PN (W)			Generators - Ringing and Coin Con- trol - P Type
A301.105 CANCEL - SEE	155	405	301				
A301.110 CANCEL - SEE	155	105	301				Alternators - Commercial Type
A301.122 CANCEL - SEE	163	701	301				Holtzer-Cabot 1/2 Ampere Ringing Machines per KS-5133
(X-72580-01)							
A301.150 CANCEL - SEE	159	405	301				Induction Motors per KS-5007, KS-5123 and KS-5137
(X-72557-01)							
A301.151 CANCEL - SEE	159	410	301				Synchronous Motors with Direct Connected Exciters per KS-5123
(X-72559-01)							
A301.155 CANCEL - SEE	159	405	301				Motors - Direct Current - One- Quarter Horsepower or Larger
A301.200 ENGINES AND ENGINE SETS							
A301.201 CANCEL - SEE	159	110	301				Gasoline Engines - Buffalo Type "R"
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PVB	W-I	CODE	O	CODE	
A301.200 ENGINES AND ENGINE SETS (CONTINUED)							
A301.202				CANCELLED			Gas-Gasoline Engines - Buffalo Types "RT", "CM" and "CE"
A301.203	CANCEL - SEE	155-514	301				Engine-Generator Sets - Buffalo Type "BA"
A301.204	CANCEL - SEE	159-108	301				Gasoline Engines - Buffalo Type "ATT"
→ A301.206 (X-72501-01)	CANCEL - SEE	159-151	301				Foos Type "T" Engines per KS-5014 and KS-5102
A301.207	CANCEL - SEE	155-120	301				High Speed Gasoline Engines - Driv- ing Alternators "BTU" Type, KS-5467 and KS-5508
A301.208	CANCEL - SEE	159-115	301				- Hercules Types - Manual Start
A301.211	CANCEL - SEE	155-122	301				Gasoline Engine-Alternator Sets Schramm Types - KS-5518
A301.215 (X-72532-01)	CANCEL - SEE	155-508	301				Delco Charging Sets - .350 KW and 2.5 KW - per KS-5042
Add. A301.217 A301.217	CANCEL - SEE	155-520	301				Engine-Generator Set - 1.5 KW - Delco
A301.218	CANCEL - SEE	155-522	301				- 6 KW - Delco
A301.221	CANCEL - SEE	155-516	301				- 1.5 KW - Westinghouse - Kerosene
A301.222	CANCEL - SEE	155-525	301				- KS-5630 - 1.5 KW - Kerosene
A301.223	CANCEL - SEE	155-170	301				Engine-Alternator - Gasoline Auto- matically Controlled KS-15700 - 1.3 KW - Stationary
A301.224	CANCEL - SEE	155-167	301				Engine-Alternators - Gasoline - Portable - KS-15650 - 5 KW - Onan Type
A301.225	CANCEL - SEE	159-180	301				Engine Sets - Gasoline - Automatic Operation - KS-5525 - 5 and 6 KW D-C and 12 KW A-C
A301.226	CANCEL - SEE	155-124	301				Engine-Alternator - Portable - KS-5565 - 10 KW A-C for Trailer Mounting U.S. Motors Corp.
A301.227	CANCEL - SEE	155-126	301				Engine-Alternator Sets - KS-5565 - Onan

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PWB	W-I	CODE	0	CODE	SUBJECT
A301.200 ENGINES AND ENGINE SETS (CONTINUED)							
A301.229	CANCEL	- SEE	155-132-301				- 5 KW
A301.232	CANCEL	- SEE	155-128-301				Engines - Diesel - General Motors - Series 71 Sets - KS-5574
A301.234	CANCEL	- SEE	155-128-302				Engine-Alternators - KS-5574-01, 20 KW
A301.235	CANCEL	- SEE	155-128-303				- Diesel - KS-5574-01, 30, 40, and 60 KW - Stationary and Portable
A301.237	CANCEL	- SEE	155-138-301				- KS-5665 - 150, 200 and 300 KW
Add. A301.238 A301.238	CANCEL	- SEE	155-172-300				- Diesel - Manually and Automati- cally Controlled KS-15717 - 10 KW
A301.239	CANCEL	- SEE	159-172-302				- Diesel - Automatically Controlled - KS-15717, List 11 - 10 KW
A301.240	CANCEL	- SEE	155-134-301				- Gasoline - Automatically Controlled - KS-5636 - 20 KW A-C - Single Phase
Add. A301.241 A301.241	CANCEL	- SEE	155-139-301				- KS-5666
A301.242	CANCEL	- SEE	155-139-302				- Diesel - Manually Controlled - KS-5666-01, 10 KW A-C
A301.243	CANCEL	- SEE	155-176-302				- Diesel - KS-15884 - 45, 60 and 100 KW Manually Controlled
A301.244	CANCEL	- SEE	155-178-302				- Diesel - KS-15890 - 45, 60 and 100 KW Automatically Controlled
A301.245	CANCEL	- SEE	155-136-301				- Gasoline - Automatically Controlled - KS-5664 - 15 KW
A301.247	CANCEL	- SEE	155-134-302				- Gasoline - Automatically Controlled - KS-5636 - 20, 30, 40, 50 and 60 KW A-C - 3-Phase and 20 KW Single Phase - Using 32-Volt Battery for Starting and Control
A301.249	CANCEL	- SEE	155-141-304				Engine-Alternators - Gasoline - Automatically Controlled - KS-5667-01 - 5 KW - Single Phase - 60 Cycle
A301.250	CANCEL	- SEE	155-141-301				- KS-5567 - 3, 5, and 8 KW

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ISSUE - CODE						
SECTION NO.	ATT	FIN	W-I	CODE	0	CODE
A301.200 ENGINES AND ENGINE SETS (CONTINUED)						
Add. A301.251 CANCEL - SEE A301.251	155	141	303			- Gasoline - Automatically or Manually Controlled - KS-5667-01 - 2.8, 4, and 8 KW
Add. A301.252 CANCEL - SEE A301.252	155	145	302			- Diesel - Automatically Controlled - KS-5750 - 30, 40 and 60 KW
A301.253 CANCEL - SEE	155	145	301			- Diesel - Automatically Controlled - KS-5750 - 20 KW
A301.254 CANCEL - SEE	155	161	301			- Diesel - Automatically Controlled - KS-15521 - 20 KW
Add. A301.256 CANCEL - SEE A301.256	155	165	301			- Diesel - Manually and Automatically Controlled - KS-15622 - 120 and 170 KW
A301.257 CANCEL - SEE	155	161	302			- Diesel - Two Automatically Controlled - Alternately Operated 20 KW Sets - KS-15521, List 10
A301.258 CANCEL - SEE	155	174	301			- Diesel - Manually Controlled - KS-15777, L21, L22, L31 and L32, 500 KW
A301.259 CANCEL - SEE	155	174	302			- Diesel - Automatically Controlled - KS-15777, L24, L33, and L34, 500 KW
A301.260 CANCEL - SEE	155	176	301			- Diesel - KS-15884 - 30 KW - Manually Controlled
A301.261 CANCEL - SEE	155	178	301			- Diesel - KS-15890 - 30 KW - Automatically Controlled
A301.262 CANCEL - SEE	155	180	301			- Diesel - KS-15899 - L1, L2, L11, and L12 - 350 KW Manually Controlled
A301.263 CANCEL - SEE	155	180	302			- Diesel - KS-15899, L3, L4, L13, and L14 - 350 KW - Automatically Controlled
A301.290 CANCEL - SEE	065	320	301			Engine Fuel - Care of Fuel Tanks
→ A301.295				CANCELLED		Portable Engine-Generator Sets - Homelite - Alternating - and Direct-Current Generators
A301.299		B	E	A10,E13	NS	Portable Engine Generator Sets - Homelite Gasoline Engine Generator Sets Emergency Charging Equipment for P.B.X. Switchboard Batteries
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE		CODE	
A 804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)							
A804.008 CANCEL - SEE	032	120	101				Reference Data - Color Codes for Fixed Capacitors and Fixed Resistors (KS-SPEC., Mil or JAN, RETMA)
Add. A804.009							Wiring Symbols, Wiring Abbreviations and Definitions - Wiring and Cabling
A804.009 CANCEL - SEE	005	150	101				Relays - AF-, AG-, and AJ-Type Relays - (Wire Spring Type)
A804.101 CANCEL - SEE	040	502	101				Dry-Reed Type Relays Educational Information
A804.102 CANCEL - SEE	040	275	101				Emergency Alarm Systems
A804.414 CANCEL - SEE	201	601	101				Principles of Fire Fighting and Description and Use of Equipment and Apparatus
A804.415 CANCEL - SEE	010	105	001				Theory of Relays
A804.420		C	C	A10			Electron Tubes - Western Electric Marking and Dating
A804.424 CANCEL - SEE	024	722	101				Time Announcement Equipment
A804.451 CANCEL - SEE	201	505	101				Expected Measured Loss Calculations for E-Repeatered and Non-Repeatered Two-Wire Trunks
A804.467.1	2	2	2	A10			Trunk Transmission Testing Using the Loop-Around Method
A804.468	1	1	1	A10			Transmission Testing - General Information - 1000-Cycle and Noise Tests of Toll Connecting and Exchange Type Trunks
→ Add. A804.469.00	2	2	2	A10,B8			Transmission Testing - 1000 Cycle - Local Trunks - Non-Repeating or with E-type Repeaters
A804.469.00	2	2	2	A10,B8			Transmission Testing - 1000 Cycles - Local Tandem Trunks - Non-Repeatered or with E-type Repeaters
A804.469.01	1	1	1	A10,B8			
A804.469.02	1	1	1	A10,B8			
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	O	CODE	
A 804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)							
A804.469.03	1	1	1	A10,B8	1	A1,4,5,12, E12	Transmission Testing - 1000 Cycles - Tandem Completing Trunks - Non- Repeatered or with E-type Repeaters
A804.469.04	1	1	1	A10,B8	1	"	Transmission Testing - 1000 Cycles - Combined Recording and Completing Trunks - Non-Repeatered or with E-type Repeaters
A804.469.05	1	1	1	A10,B8	1	"	Transmission Testing - 1000 Cycles - Manual Toll Switching Trunks - Non-Repeatered or with E-type Repeater
A804.469.06	1	1	1	A10,B8	1	"	Transmission Testing - 1000 Cycles - Manual Two-Wire Toll Tandem Trunks
A804.470.1 CANCEL - SEE 024-120-100							KS-16575-L1 Amplifier (McIntosh)
A804.480 CANCEL - SEE 024-150-100							General Information on Speech Amplifier
Add. A804.486							El Telephone Repeater - SD-95465-01
A804.486 CANCEL - SEE 332-200-000							(J98611A)
Add. A804.487 CANCEL - SEE 024-102-100							106A Amplifier
A804.487 CANCEL - SEE 024-102-100							
Add. A804.488.1 CANCEL - SEE 024-106-100							142-Type Amplifiers
A804.488.1 CANCEL - SEE 024-106-100							
A804.488.2 CANCEL - SEE 024-106-101							- Input Circuit Variations
A804.489.1 CANCEL - SEE 024-107-100							143-Type Amplifier
A804.489.2 CANCEL - SEE 024-107-101							- Input Circuit Variations

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		COMPANY or AREA							
		ISSUE - CODE							
SECTION NO.		ATT	FTB	W-I	CODE	0	CODE	SUBJECT	
A301.300		RECTIFIERS AND RECTIFIER - INVERTERS (CONTINUED)							
A301.343	CANCEL - SEE	169-262	301					KS-15661 Rectifiers - Regulated Metallic Type	
A301.344	CANCEL - SEE	169-681	301					Rectifier, KS-15135 Automatically Regulated - Metallic Type 24 Volts, 6 Amperes	
Add. A301.345 A301.345	CANCEL - SEE	169-662	301					- KS-5928, List 5 and KS-15620, List 4	
A301.346	CANCEL - SEE	169-234	301					Regulated Tube Rectifiers - Phase Shift Control - J86207W	
Add. A301.347 A301.347	CANCEL - SEE	169-685	301					KS-15689 Rectifier - Electronic Control	
A301.348	CANCEL - SEE	169-685	306					- Relay Type Output Control	
A301.349	CANCEL - SEE	169-683	301					Rectifier - Metallic Type - Automatic Regulation - KS-15655	
A301.351	CANCEL - SEE	169-622	301					- Metallic Type - Automatic Regulation (J86266)	
A301.353	CANCEL - SEE	169-686	301					- Vibrator Inverter, Regulated KS-15737	
A301.354	CANCEL - SEE	169-265	301					KS-15678 List 18 Rectifier-Regulated Semi-Conductor Selenium Type	
A301.356	CANCEL - SEE	169-612	303					J86239C Rectifier - 53 Volts - 130 Amperes	
A301.362	CANCEL - SEE	169-623	306					Rectifier - J86273 - 48 Volts - 200 Amperes - Voltage-Regulated Output Control	
A301.363	CANCEL - SEE	169-623	301					- 48 Volts - 200 Amperes - Current - Regulated Output Control	
A301.365	CANCEL - SEE	169-624	301					Rectifier - Metallic Type - Manual Regulation - J86277A	
A301.366	CANCEL - SEE	169-624	302					- J86277B	
A301.367	CANCEL - SEE	169-625	301					- J86278A	
A301.368	CANCEL - SEE	169-625	302					- J86278B	
A301.369	CANCEL - SEE	167-779	301					- J87203A	
A301.370	CANCEL - SEE	169-627	301					- J86286A	

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.							SUBJECT
	ATT	PNB	W-I	CODE	0	CODE	
A301.300 RECTIFIERS AND RECTIFIER - INVERTERS (CONTINUED)							
A301.371	CANCEL - SEE	169-628	301				- J86288A
A301.372	CANCEL - SEE	169-626	301				- J86280A
A301.373	CANCEL - SEE	167-770	301				J86474 DC Power Supply - 2800 Volts, 30 MA - 1200 Volts, 100 MA - Including the J86283A DC Power Supply Control Unit - J86283B Rectifier (Unregulated) - J86283C Rectifier (Regulated) - TH Radio
A301.376	CANCEL - SEE	169-688	301				KS-15894 List 1, Rectifier - Semiconductor Type - Automatically Regulated
A301.377	CANCEL - SEE	169-689	301				KS-15898 List 1, Rectifier - Semiconductor Type - Automatically Regulated
A301.378	CANCEL - SEE	169-635	301				J87200A Rectifier - Semiconductor Type - Manually Regulated
A301.379	CANCEL - SEE	169-696	301				KS-15911, L2 and L3 - Operating Methods
A301.380	CANCEL - SEE	169-630	301				Rectifier - J86295-48 volts; 200 Amperes - Voltage Regulated Out-put Control for 23-, 25-, or 27- Cell Plant (Regular and Emergency Cells)
A301.381	CANCEL - SEE	169-630	302				- J86295-48 Volts, 200 Amperes - Regulated Output Control for 23- or 24-Cell Operation (Regular Cells only)
A301.382	CANCEL - SEE	169-630	303				- J86295-48 Volts, 200 Amperes - Current Regulated Output Control for 23-, 25-, or 27-Cell Plant (Regular and Emergency Cell)
A301.383	CANCEL - SEE	169-633	301				- J86298A
A301.384	CANCEL - SEE	169-636	301				Rectifier - J87201A Operating Methods
A301.386	CANCEL - SEE	169-687	301				KS-15885 Rectifier
A301.387	CANCEL - SEE	169-692	301				Rectifier - KS-15907, List 1 (Portable) - KS-15907, List 2 (Rack Mounted)
A301.388	CANCEL - SEE	169-701	301				Filament Supply - KS-15915, L1

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	O	CODE	SUBJECT
A301.300 RECTIFIERS AND RECTIFIER - INVERTERS (CONTINUED)							
A301.391	CANCEL	- SEE	169-642	301			Rectifier - Semiconductor Type J87207 - Operating Methods
A301.400 INTERRUPTERS							
A301.401	CANCEL	- SEE	163-600	301			84 Type
A301.402 (X-72535-01)	CANCEL	- SEE	163-781	301			4-Cycle Motor-Driven Pole Changer per KS-5068
A301.500 POWER PANELS AND CONTROL EQUIPMENT							
A301.503	CANCEL	- SEE	024-460	301			Voltage Regulators - AC and DC Automatic Rotating Cam
A301.504	CANCEL	- SEE	024-481	301			General Electric Company's Type TA-125, Form L, Voltage Regulators
A301.506 (X-72563-01)	CANCEL	- SEE	026-380	101			Hand Starting Compensators per KS-5092 and KS-5140
A301.507	CANCEL	- SEE	024-420	301			Speed and Voltage Regulator J86253A
A301.517 (X-72555-01)	CANCEL	- SEE	030-780	301			Automatic Electric Inc. Automatic Voltage Regulator Switches
A301.518	CANCEL	- SEE	024-447	301			J86727E Voltage Regulator
Add. A301.529							Voltage Regulator - General Electric Co. Electronic Type GVD - KS-5580
A301.529	CANCEL	- SEE	024-464	301			
A301.531	CANCEL	- SEE	024-485	301			Voltage Regulator for Reserve Alter- nators - Westinghouse Type UV-AG
A301.532	CANCEL	- SEE	024-440	301			AC Line Voltage Regulators - Motor Driven Autotransformer Type
A301.533	CANCEL	- SEE	024-465	301			AC Line Voltage Regulator KS-5650
Add. A301.534							AC Voltage Regulator KS-5655
A301.534	CANCEL	- SEE	024-466	301			
A301.535	CANCEL	- SEE	024-442	301			Voltage Regulator J86223
A301.536	CANCEL	- SEE	024-445	301			J86250 Voltage Regulator and Exciter
Add. A301.537							J86246 Voltage Regulator and Rectifier
A301.537	CANCEL	- SEE	024-443	301			
A301.538	CANCEL	- SEE	155-115	301			Alternator and Voltage Regulator, KS-15844

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SUBJECT						
301.700)						
301.800) CODED POWER PLANTS (CONTINUED)						
→ A301.804	CANCEL - SEE	167	208	301		102G (J86802) Power Plant
→ Add. A301.808	CANCEL - SEE	167	210	301		J86446 (105D) Power Plant - Negative
A301.808						48-Volt, 10-, 20-, and 30-Ampere
						Supply and J86251A Regulated
						Rectifier Unit - Electron Tube
						Type
Add. A301.809	CANCEL - SEE	167	606	301		J86423 (103B) Power Plant - Message
A301.809						Register and Tripping Battery
						Supply
→ A301.810	CANCEL - SEE	167	215	301		J86572 (110A) and J86455 (110B)
						Power Plant
A301.811	CANCEL - SEE	167	217	301		111A Power Plant (J86470)
Add. A301.815	CANCEL - SEE	167	620	301		Operation of J86573 (301C) Power
A301.815						Plant Arranged for Automatic
						Start Control
A301.816	CANCEL - SEE	167	620	306		- Arranged for Manual Start Control
→ A301.817	CANCEL - SEE	167	621	301		302A Power Plant Arranged for Auto-
						matic Voltage Regulation, Automatic
						Start Control, and Automatic Con-
						trol of Emergency Cell Switching
A301.818	CANCEL - SEE	167	640	311		J86436A Plate Supply 130 Volt, 180
						Milli ampere
A301.819	CANCEL - SEE	167	641	316		403C Power Plant J86440B Filament
						Supply - 24 Volt, 1.5 Ampere
A301.820	CANCEL - SEE	167	643	301		410A Automatic Power Plant
A301.821	CANCEL - SEE	167	646	301		425 Power Plant - J86437 Plate Supply -
						130 Volt, 20 Ampere
A301.822	CANCEL - SEE	167	646	306		425A Power Plant - J86438 Plate Supply -
						250 Volt, 20 Ampere
Add. A301.823	CANCEL - SEE	167	646	311		- J86439 Filament Supply - 12 Volts,
A301.823						800 Amperes
A301.824	CANCEL - SEE	167	767	301		J86440A Power Supply - 24 Volt, 6 and
						12 Ampere

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A301.700)							
A301.800) CODED POWER PLANTS (CONTINUED)							
Add. A301.825 CANCEL - SEE A301.825	167	645	301				Operation of J86578 (420A) Power Plants for Types "J" and "K" Carrier Stations Having AC Power Available
Add. A301.826 CANCEL - SEE A301.826	167	645	306				Operation of 420B Power Plants for "J" and "K" Carrier Auxiliary Stations Having No AC Power Available
A301.827 CANCEL - SEE	167	645	311				Operation of Miscellaneous Building Equipment in "J" and "K" Carrier Auxiliary Stations
A301.828 CANCEL - SEE	167	648	301				J86442 (426A) Power Plant - 130 Volt, 0.5 to 40 Ampere Supply
A301.829 CANCEL - SEE	167	642	301				J86585 (405A) Power Plant - Positive and Negative - 130 Volts
A301.831 CANCEL - SEE	167	670	306				504B Power Plant
Add. A301.832 CANCEL - SEE A301.832	167	671	321				J86426 (505C) Power Plant Using Motor-Alternators for Standby Supply
A301.833 CANCEL - SEE	167	671	316				- Using Motor-Alternators Continuously
A301.834 CANCEL - SEE	167	671	311				- Auxiliary Charging Equipment
Add. A301.836 CANCEL - SEE A301.836	167	671	326				505D Power Plant for L3 Carrier System
A301.837 CANCEL - SEE	167	670	301				J86611 Power Plant (504A)
A301.838 CANCEL - SEE	167	769	301				J86473 Power Supply - Regulated AC and DC Voltages - TJ Radio
A301.839 CANCEL - SEE	167	672	301				508A Power Plant - Continuous 230 Volt AC Power
A301.840 CANCEL - SEE	167	705	301				702C Power Plant - Automatic Start Control of Generator Equipment
Add. A301.841 CANCEL - SEE A301.841	167	705	306				- Manual Start Control of Generator Equipment

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A301.700)						
A301.800) CODED POWER PLANTS (CONTINUED)						
A301.842	CANCEL - SEE	167	706	306		J86583 Power Plant (704B) - 34 and 48 Volts, Positive and Negative 2.5 and 8 Amperes
Add. A301.843	CANCEL - SEE	167	706	311		J866590 Power Plant (704C) - 48 Volts
A301.843						
Add. A301.844	CANCEL - SEE	167	643	302		J86465 Automatic Power Plant (410B)
A301.844						
A301.845	CANCEL - SEE	167	721	301		801E Ringing Power Plant
A301.850	CANCEL - SEE	167	723	311		805C (J86428A) Ringing Power Plant - Ringing and Signaling
A301.851	CANCEL - SEE	167	723	316		J86428B (805C) Power Plant - 130-Volt Supply
A301.852	CANCEL - SEE	167	724	321		J86445 Ringing Power Plant (806E) - Ringing and Signaling
A301.853	CANCEL - SEE	167	721	311		J86555 (803C) Power Plant - Ringing, Signaling, and Coin Control
A301.854	CANCEL - SEE	167	255	301		J86596 Ringing Power Plant (806D) - Ringing and Signaling
A301.855	CANCEL - SEE	167	722	311		J86451 Ringing Power Plant (804C) - Ringing and Signaling
A301.856	CANCEL - SEE	167	724	326		J86456 (806F) Ringing Power Plant - Ringing and Signaling
A301.858	CANCEL - SEE	167	722	316		J86477 (804D) Emergency Ringing Power Plant
A301.860	CANCEL - SEE	167	767	311		J86440C Power Supply - 24 Volt, One Ampere
A301.861	CANCEL - SEE	167	639	306		J86592 Power Plant (403B) - 130 Volt, 100 Milliampere
Add. A301.862	CANCEL - SEE	167	646	321		J86450 Power Plants (425B) - 12-, 130-, and 250-Volt Supplies
A301.862						
A301.863	CANCEL - SEE	167	646	316		J86449 Power Plant (425B) - 130-Volt, 5-Ampere Plate Supply with 30-Ampere Charge Signal Supply

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A301.700)							
A301.800) CODED POWER PLANTS (CONTINUED)							
A301.864 CANCEL - SEE	167-639	301					J86577 Power Plant (403A) 130 Volts, 0.6 Ampere
A301.865.1 CANCEL - SEE	167-275	301					Station Systems - Pl Carrier-Power Plant J86463A
A301.865.2 CANCEL - SEE	167-275	302					- J86463B
A301.888 CANCEL - SEE	167-778	301					- J87213A
A301.889 CANCEL - SEE	167-772	301					- J86494 Power Supply
A301.890 CANCEL - SEE	167-760	301					Power Plant for AMA Accounting Center No. 1
A301.892	1	NS					J86467 DC Supply Bays for Submarine Cable Power Plant
A301.894 CANCEL - SEE	167-623	301					303A (J86327) Power Plant
A301.895 CANCEL - SEE	167-777	301					J86499A Power Supply Regulated AC and DC Voltages - TL Radio
A301.896 CANCEL - SEE	167-770	306					J86487A Power Supply - +220V, +135V, -11V DC and 110V AC - TH Radio
A301.897 CANCEL - SEE	167-770	311					J86488A Power Supply - +450V, -170V, and -11V Regulated DC - TH Radio
A301.898 CANCEL - SEE	167-774	301					J86496A, J86496B and J86496C Power Supply - Positive or Negative 24 Volt 0 to 30 Amperes
A301.899 CANCEL - SEE	167-761	301					Power Supply SD-1G055-01 - Using 48 Volt Lorain T603B-1 and 130 Volt J86256A Rectifiers
A301.900 MISCELLANEOUS							
A301.901 CANCEL - SEE	032-100	301					Electrolytic Condensers - 100 and 101 Types
A301.902 CANCEL - SEE (X-72585-01)	161-105	301					Cleveland Worm and Gear - Speed Reduction Unit with Driving Motor per KS-5171
A301.903 CANCEL - SEE (X-72585-01)	161-405	301					Centrifugal Exhauster Sets
→ A301.907 CANCEL - SEE	161-372	301					KS-16153 Dehydrator and Associated Waveguide Alarms

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A301.900 MISCELLANEOUS (CONTINUED)							
→ Add. A301.916	CANCEL - SEE	161-370	301				KS-16001 Dehydrator and Associated Waveguide Alarms
→ A301.916							
→ A301.917	CANCEL - SEE	161-372	301				KS-16153 Dehydrator and Associated Waveguide Alarms
→ A301.924	CANCEL - SEE	161-475	301				J86486 Tube Cooling System (Micro-wave)
→ Add. A301.931	CANCEL - SEE	171-122	301				Power Load Recording - Using the General Electric Company Type CF-2 Recorder
→ A301.931							
A301.932	CANCEL - SEE	100-266	301				Analysis of 20-Cycle Ringing Load Current Using J86294 Ringing Demand Meter

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A300 - OPERATING METHODS
SUB - DIVISION A302 THROUGH A309

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SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A302. DISTRIBUTING FRAMES AND FUSE PANELS							
A302.000 DISTRIBUTING FRAMES							
→ Add. A302.001							Main Frame Protection - "B" Type Frames
→ A302.001 CANCEL - SEE	201	203	301				
→ A302.002 CANCEL - SEE	201	202	301				- "A" Type Frames
A302.003				CANCELLED			Distributing Frame Protection - No. 12 Switchboard
→ A302.006 CANCEL - SEE	201	205	301				Main Distributing Frame - Cords, Plugs, and Marker Protective Guards - Used with No. 444 Type Jacks
A302.405		B	B	A10	NS		Replacing Blown Fuses
A303. SWITCHBOARD EQUIPMENT - COMMON TO ALL OFFICES							
→ A303.010 CANCEL - SEE	201	710	301				Location of Crosses and Grounds in Switchboard Multiple
A304. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES							
A304.000 GENERAL							
A304.009 CANCEL - SEE	075	142	301				Goggles - Description, Use, and Care
A304.015 CANCEL - SEE	100	101	301				Use of No. 35 Type Test Set as a Variable Resistance
Add. A304.016 CANCEL - SEE	100	150	301				Use of 1A Fault Locator Test Set
A304.016							
A304.020 CANCEL - SEE	030	100	301				Calculagraphs - Model 6 and 30 KS-7769 (Model 33) Operating Methods
A304.400)							
A304.500) CIRCUIT EQUIPMENT							
Add. A304.411							Photographing Message Registers
A304.411 CANCEL - SEE	030	300	301				Using Electrically Operated Mes- sage Register Cameras per KS-7703 and KS-8320
Add. A304.413							- Using Electrically Operated
A304.413 CANCEL - SEE	030	302	301				Camera per KS-14776
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SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
A304.400) A304.500) CIRCUIT EQUIPMENT (CONTINUED)							
A304.414 CANCEL - SEE	030	301	301				- Using Message Register Camera per KS-14593, List 1 and MS- 14778 Photo Processor
→ A304.419 CANCEL - SEE	201	615	301				Taking Equipment Out of Service - Alarm Receiving Units
A304.420 CANCEL - SEE	212-720-302, 218-772-301, 227-400-300			216-813-301, 220-535-301,			Master Timing Circuit SD-25633-01 - Methods of Handling Alarms - Common Systems
Add. A304.421 CANCEL - SEE A304.421	212-720-301, 220-535-302			216-813-302, 227-400-301	218-772-302,		- Taking Equipment Out of Service - Common Systems
A304.422 CANCEL - SEE	212-720-303, 220-535-303			216-813-303, 227-400-302	218-772-303,		- Daylight Saving Time and Leap Year Changes - Common Systems
→ A304.428 CANCEL - SEE	201	607	301				Cable Insulation Alarm - Circuit SD- 96348-01 - Operation and Alarm Routine
A304.446 CANCEL - SEE	179	604	301				Multifrequency Pulsing Supply J98608 - Alarm Routine
A304.447 CANCEL - SEE	179	605	501				Multifrequency Pulsing Supply J98609 - Alarm Routine
→ A304.451 CANCEL - SEE	201	505	301				Method of Tracing Alarms - Time of Day Service
→ A304.452 CANCEL - SEE	201	505	302				Method of Taking Equipment Out of Service - Time of Day Service
A304.454 CANCEL - SEE	040	275	301				Dry-Reed Type Relays - Precautions to be Observed when Testing
A304.455 CANCEL - SEE	032	173	301				Procedures to be Followed When Work- ing on Circuits Containing Diodes, Varistors or Transistors
A304.461 CANCEL - SEE	024	103	300				118A Amplifier
A304.463 CANCEL - SEE	024	102	300				106A Amplifier
A304.464 CANCEL - SEE	024	100	300				142-Type Amplifier
A304.465 CANCEL - SEE	024	107	300				143-Type Amplifier
A304.466 CANCEL - SEE	024	101	300				124-Type Amplifier

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SECTION NO.	ATT	PWB	W-I	CODE		CODE	SUBJECT
A304.400) A304.500)							CIRCUIT EQUIPMENT (CONTINUED)
→ A304.478.00 CANCEL - SEE 660-450-300							Circuit Order or Trunk Order Tests For All Types of Message Trunks - General Information
→ A304.478.01 CANCEL - SEE 660-450-301							Circuit Order or Trunk Order Tests For All Types of Message Trunks
→ A304.478.03 CANCEL - SEE 660-450-302							Circuit Order or Trunk Order Tests for Carrier Telegraph Layouts
Add. A304.486 A304.486 CANCEL - SEE 332-200-107							E1 Telephone Repeater SD-95465-01 (J98611A) - E2 Telephone Repeater SD-95145-01 (J98612A) - Network Strapping by Use of Charts
A304.489 CANCEL - SEE 332-200-108							E-Type Telephone Repeaters - Application of Test Terminations Using Test Termination Circuit SD-96476-01 or Trunk Terminating and Patching Jacks at Master Test Frame
A304.490 CANCEL - SEE 024-121-300 A304.490.1							A-120 Amplifier - (McIntosh) - Handling Trouble Reports and Making Tests
A304.492 CANCEL - SEE 024-105-300							140-Type Amplifier
Add. A304.496.10 A304.496.10 CANCEL - SEE 332-200-100							E-Type Telephone Repeaters - General Information on Placing Repeaters in Service
A304.496.11 CANCEL - SEE 332-200-300							- Placing E1 or E13 Repeaters in Service - Using E-Repeater Test Set
A304.496.12 CANCEL - SEE 332-200-301							- Placing E2 or E23 Repeaters in Service - Using E-Repeater Test Set
A304.496.13 CANCEL - SEE 332-200-302							- Placing E1 or E13 Repeaters in Service - Using 2G Repeater Test Set
A304.496.14 CANCEL - SEE 332-200-303							- Placing Repeaters in Service Without the Use of a Repeater Test Set
A304.496.50 CANCEL - SEE 332-200-101							- Taking Repeater Out of Service and Analyzing Trouble

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A304.400)						
A304.500)	CIRCUIT EQUIPMENT (CONTINUED)					
A304.496.51	CANCEL	- SEE	332-200-102			- Taking an E1 or E13 Repeater Out of Service and Preparing for Trouble Analysis
A304.496.52	CANCEL	- SEE	332-200-103			- Taking an E2 or E23 Repeater Out of Service and Preparing for Trouble Analysis
A304.496.53	CANCEL	- SEE	332-200-104			- General Procedures for Trouble Analysis for a Line Equipped with an E1, E2, E13, or E23 Repeater When Little Gain, No Gain, or Poor Transmission is Indicated
A304.496.54	CANCEL	- SEE	332-200-105			- General Procedures for Trouble Analysis for a Line Equipped with an E1, E2, E13, or E23 Repeater When Instability or Excessive Gain is Indicated
A304.498.10	CANCEL	- SEE	332-200-106			Combination E-Type Telephone Repeater - (E13 or E23 Bridged-T Repeater) Network Strapping by Use of Charts
A304.510	CANCEL	- SEE	034-359-301			No. 2AA and Modified No. 2A Telephone Answering Sets
A304.525	CANCEL	- SEE	201-301-301			Civil Air Raid Warning System SD-95332-01 - Alarm Routine
A304.532	CANCEL	- SEE	9 DIGIT DIV. 310			Special Multipoint Private Line Telephone Circuits
A304.535				CANCELLED		Dial Tone Speed Register Circuit and Dial Tone Speed Indicating Circuit
SEE 215-188-301 FOR				A8		- Alarm Routine
SEE 216-555-301 FOR				A6		
A304.538	CANCEL	- SEE	201-410-301			Measurement of Traffic Usage Using No. 1 Portable Traffic Usage Recorder
Add. A304.541						Measurement of Trunk Usage Using Traffic Measuring Set, Type "A" - Common Systems
Add. A304.541						
A304.541	CANCEL	- SEE	201-412-301			
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A304.400) A304.500)	CIRCUIT EQUIPMENT (CONTINUED)					
Add. A304.542						Measurement of Trunk Usage - Using Traffic Measuring Set, Type "B"
A304.542	CANCEL	- SEE	201-413-301			
A304.543	CANCEL	- SEE	067-105-201			Line Concentrator No. 1A - Cutover Procedures
A304.544	CANCEL	- SEE	067-105-301			- Trouble Analysis
A304.545	CANCEL	- SEE	067-100-301			Measurement of Concentrator Trunk Usage - Using the Concentrator Trunk Usage Recorder Circuit SD-96549-01
A304.546	CANCEL	- SEE	067-105-302			Line Concentrator - Procedure for Releasing Permanent Signals from Line Concentrator Trunks
A304.547	CANCEL	- SEE	067-106-201			Line Concentrator No. 1A With MF Signaling - Cut-over Procedures and Addition and Deletion of Individual Lines
A304.550	CANCEL	- SEE	067-302-301			Recording, Analysis and Handling Trouble Indicator Reports - Line Concentrator Associated with 520-Type PEX - Emergency Reporting Systems
A304.561	CANCEL	- SEE	179-707-301			FSP Signaling Transmitting Circuit (SD-99300-01) - Locating Trouble
Add. A304.562						FSP Signaling Receiving Circuit (SD-99301-01) - Locating Trouble
A304.562	CANCEL	- SEE	179-707-302			
A304.576	CANCEL	- SEE	227-505-300	FOR A1		Automatic Number Identification - Analysis & Clearance of Trouble Number Network & Primary Bus. Circuit - Secondary Network & Bus. Connector Circuit - No. 1 & 350A Step-by-Step, 355A Community Dial Offices, Panel, & No. 1 Crossbar Offices
SEE 215-601-301 FOR				A8		
SEE 216-901-301 FOR				A6		
A304.577	CANCEL	- SEE	227-500-300	FOR A1, E12		- Analysis of Trouble Tickets - No. 1 & 350A Step-by-Step - 355A Community Dial Offices, Panel & No. 1 Crossbar Offices
SEE 215-601-302 FOR				A8		
SEE 216-901-302 FOR				A6		
A304.594.01	CANCEL	- SEE	660-403-500			Message Circuit Noise Measurements - Methods and Requirements - Message Trunks
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SECTION NO.	ATT	PNB	M-I	CODE		SUBJECT
A305. PRIVATE SERVICE SYSTEMS						
A305.000 A1 DIGITAL DATA SIGNALING SYSTEM						
A305.005	CANCEL	- SEE	314-503	300		Analysis and Clearance of Trouble - Trouble Detectors
A305.006	CANCEL	- SEE	314-504	300		- Transfer and Control Circuit
A305.007	CANCEL	- SEE	314-501	300		- Digital Data Transmitter
Add. A305.008						- Word Generator Circuit
A305.008	CANCEL	- SEE	314-505	302		
A305.010	CANCEL	- SEE	314-505	301		Word Generator Circuit SD-IG097-01
A305.150 AIR - GROUND VOICE COMMUNICATION SYSTEM - COMMON GROUP						
A305.154	CANCEL	- SEE	314-556	300		Emergency Patching - Channels and Trunks, Etc.
A306. FURNITURE, FIXTURES AND BUILDING ITEMS PERTAINING TO EQUIPMENT						
Add. A306.005	CANCEL	- SEE	065-105	005		Ladders, Ladder Seats, Benches, and Stools - Use and Safety Precautions
A306.005						
A306.101			C C	A10, B12		Ventilation, Temperature and Humidity Control, and Dust Abatement
A307. CARRIER TELEPHONE SYSTEMS						
A307.030 N. O. AND ON TYPE						
A307.031						See Plant Series - Section 362-010-300
A307.051						See Plant Series - Section 362-101-300
A307.061						- Section 362-101-300
A308. ESSENTIALS OF CENTRAL OFFICE MAINTENANCE						
A308.001	CANCEL	- SEE	201-101	001		Fundamentals of Administration
Add. A308.006.00					CANCELLED	Dial Central Office Service Index Plan
A308.006.00	CANCEL	- SEE	201-102	001		- General
A308.006.01	CANCEL	- SEE	201-102	002		- Tables
A308.011	CANCEL	- SEE	201-104	001		Handling of Reports and Investigation of Test and Found O.K.'s - Local Dial and Manual Central Offices

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A308. ESSENTIALS OF CENTRAL OFFICE MAINTENANCE (CONTINUED)							
A308.021	CANCEL	- SEE	201-106-001				Methods of Classifying, Scheduling Assigning, and Recording Routine Effort - all Offices
A308.031	CANCEL	- SEE	201-108-001				Ticket Analysis File
A308.041	CANCEL	- SEE	201-110-001				Central Office Work Scheduling
A309. GENERAL ROUTINES - COMMON TO ALL OFFICES							
A309.000 INTERDEPARTMENTAL ROUTINES							
Add. A309.004	CANCEL	- SEE	634-210-507				Cable Pair Identification Using No. 108A Test Set
A309.035			B B	A10	NS		Subscriber Line Message Register Routine
Add. A309.055							Use of Compensating Resistance
A309.055	CANCEL	- SEE	201-822-301				
A309.096			A	NS	A	A1,A5	Verification of Automatic Message Accounting Registrations
A309.300 SERVICE HAZARDS AND PRECAUTIONS							
Add. A309.302							Prevention of Service Interruptions and Abnormal Maintenance Effort - During Periods of Installation Activity
A309.302	CANCEL	- SEE	201-112-001				
A309.309	CANCEL	- SEE	212-702-301, 216-800-302, 218-702-302, 220-533-301,			227-455-300	Central Office Automatic Message Accounting Equipment Precautions to Limit Stoppages in No. 1 Accounting Center
A309.390			B B	A10, E12	NS		General Precautions Concerning Fire Protection and Prevention
A309.400 METHODS OF HANDLING TROUBLE REPORTS AND SIGNALS							
A309.403	CANCEL	- SEE	226-860-300, 216-800-303, 218-702-303, 220-533-302				Method of Handling Complaints and Requests - For All Offices Involving Charge Irregularities on Crossbar Tandem CAMA Calls
Add. A309.404	CANCEL	- SEE	212-701-301, 216-800-304, 218-702-304, 220-533-303, 227-460-300				Method of Handling Interdepartmental AMA Trouble Reports - Automatic Message Accounting Center and Switching Systems with AMA
A309.404							
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A309.400 METHODS OF HANDLING TROUBLE REPORTS AND SIGNALS (CONTINUED)							
→ A309.476.0 CANCEL - SEE	560-625	301					First Attempt Verbal Trouble Reporting Plan - General
→ A309.476.1 CANCEL - SEE	560-625	302					- Report Receiving Position - Operations and Procedures
→ A309.476.2 CANCEL - SEE	560-625	303					First Attempt Verbal Trouble Reporting Plan - Testboard Techniques
→ Add. A309.476.3							- Analysis Procedures and Techniques
→ A309.476.3 CANCEL - SEE	560-625	304					
→ Add. A309.493							Coin Box Robbery Alarms
→ A309.493 CANCEL - SEE	201-899	901		CANCELLED	LPN		
A309.500 RECORDS AND REPORTS							
A309.511 CANCEL - SEE	226-015	000					Classifying and Recording Trouble Data - Local Manual Equipment
A309.514.00 CANCEL - SEE	015-100	010					Labor Units for Plant Upkeep - General
Add. A309.514.01 CANCEL - SEE	015-201	010					- Local Manual Central Office Equipment
A309.514.01 CANCEL - SEE	015-201	010					- Form E-4401
Add. A309.514.02 CANCEL - SEE	015-302	010					- Panel Central Office Equipment
A309.514.02							Form E-4402
Add. A309.514.03 CANCEL - SEE	015-403	010					- Step-by-Step Central Office Equipment - Form E-4403
A309.514.03							
Add. A309.514.04 CANCEL - SEE	015-504	010					- Crossbar Central Office Equipment - No. 1 and No. 5 Type (Form E-4404)
A309.514.04							
Add. A309.514.05 CANCEL - SEE	015-205	210					- Crossbar Central Office Equipment - Tandem and No. 4 Type Toll (Form E-4405)
A309.514.05							
Add. A309.514.06 CANCEL - SEE	015-206	010					- Toll C.O. Switchboard Equipment - Form E-4406
A309.514.06							
Add. A309.514.07 CANCEL - SEE	015-707	010					- Toll C.O. Test Room Equipment - Forms E-4407A and E-4407B
A309.514.07							
Add. A309.514.08 CANCEL - SEE	015-708	010 & 015-816	010				- Radio Equipment - Forms E-4408A, E-4408B, and E-4408C
A309.514.08							
A309.514.09 CANCEL - SEE	015-709	010					- Bench Repair of Carrier Plug-In Equipment

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A309.500 RECORDS AND REPORTS (CONTINUED)						
Add. A309.514.10						- Central Office Power Equipment
A309.514.10	CANCEL - SEE	015	-110	-010		- Form E-4410
A309.514.11	CANCEL - SEE	015	-811	-010		- Form E-4411 - Station Equipment Teletypewriter
Add. A309.514.12	CANCEL - SEE	015	-812	-010		- Form E-4412 - Switching Equipment - Teletypewriter
A309.514.12						
Add. A309.514.13	CANCEL - SEE	015	-813	-010		- Form E-4413 - Station and PBX Equipment Upkeep
A309.514.13						
A309.514.14	CANCEL - SEE	015	-814	-010		- Form E-4414 - Large PBX Equipment - Telephone
A309.514.15	CANCEL - SEE	015	-815	-010		- Outside Plant Upkeep - Form E-4415
A309.514.16	CANCEL - SEE	015	-938	-010		- Exchange Testing and Assignment Form E-4438
Add. A309.514.17	CANCEL - SEE	015	-917	-010		- Toll Testing - Form E-4417
A309.514.17						
Add. A309.514.18	CANCEL - SEE	015	-918	-010		- Toll Testing - Telegraph, Program Video & Overseas Radio - Forms E-4418
A309.514.18						
Add. A309.514.20	CANCEL - SEE	015	-120	-010		- Central Office Rearrangements and Changes - Class 5 Offices
A309.514.20						
→ A309.515.1				CANCELLED		Control of Trunk Loss Variations - General Consideration
→ A309.515.2				CANCELLED		- Use of Form E-3834 - Trunk Loss Distribution
→ A309.515.5				CANCELLED		- Measurement Plan
→ A309.515.7				CANCELLED		- Use of Form E-4277 - Transmission Maintenance Results
→ A309.517				CANCELLED		Forms for Recording and Summarizing - Over-All Noise Measurements on Trunks
A309.526 PT		NS				Central Office Trunk Record Transmission Tests Form P-2296
A309.537	CANCEL - SEE	201	-414	-301		Cross-Connection and Assignment Data Forms - Traffic Usage Records SD-95738-01
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A309.500 RECORDS AND REPORTS (CONTINUED)						
A309.556			C C	A10,E12		Exchange Load Readings Form P-527 for Use in Recording Storage Battery Discharge & "No Break" AC Power Loads
A309.570			B B	A10,E12		Miscellaneous Central Office Facilities Record Form E-4052A (Replacing Form P-2056
A309.570.1			C C	A10		Miscellaneous Central Office Facilities Record Equipment Request Form P-2185
A309.570.2			B B	A10		Miscellaneous Central Office Facilities Record Equipment Request New Central Offices
→ A309.576.0				CANCEL - SEE 660-625-010		Trouble Reporting and Handling Techniques in Connection with Dis- tant Dialing - Trouble Tickets, Form E-4008 and E-4008-1
→ A309.576.1				CANCEL - SEE 660-625-011		Distance Dialing Trouble Pattern - Description of Forms Used in Analysis and Handling - Forms E-4283, E-4284, E-4285, and E-4384
→ A309.576.2				CANCEL - SEE 660-625-012		First Attempt Verbal Reporting Plan - Daily Trouble and Test Record - Form E-4322
→ A309.576.3				CANCEL - SEE 660-625-013		First Attempt Verbal Trouble Re- porting Plan - Trunk History Records - Forms E-4315 and E-4315-1
Add. A309.581						Record of Equipment - Out of Service
A309.581				CANCEL - SEE 201-114-001		
Add. A309.898			A A	A10,E12		Request to Trace Calls Dial Offices
A309.898			C C			
A309.903				CANCELLED		Toll Circuit Maintenance and Release Temporary Layout Changes - Traffic Control Bureau
App. 1 A309.903						
Add. A309.904 PN				CANCELLED		XRL and Circuit Order Completion Reports
A309.904 PN			C C	A10,E2		
A309.991			D NS			Central Office Trunk Orders and Records
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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A300 - OPERATING METHODS
SUB - DIVISION A310 THROUGH A337

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A310. MANUAL OFFICES - GENERAL ROUTINES							
A310.000 INTERDEPARTMENTAL ROUTINES							
A310.035	1	1	1	A12,13,			Line Message Register Tests
A310.100 EMERGENCY ROUTINES							
Add. A310.105							Procedures for Fighting Fires
A310.105 CANCEL - SEE 010-105-002							
A310.311		B	B	A10,E12	NS		Classifying and Recording Trouble Data Toll, TWX, DSA and Manual C.O., Manual Switching and Miscellaneous Equipment
A311. TROUBLE REPORTS AND ROUTINES							
A311.190		D	D	A10,E12	NS		Abnormal Conditions Report - Exchange Plant
A311.190.1		A	A	A10,E12	NS		- Report of Trouble Resulting From Foreign Electrical Disturbance or Lightning - Form P 2004
A311.190.2		A	A	A10,E12	NS		- Avoiding Contact with Telephone Plant - Energized by Foreign Potential
A311.993		A		CANCELLED			Record of Repeated Trouble
A311.996		A		CANCELLED			Service Observing Routine
Add. A311.999		C	C	A10,E12	NS		Abbreviation and Codes - Numerical -
A311.999		G	G		NS		Alphabetical Listing
A312. LOCAL AND TOLL SERVICE OBSERVING EQUIPMENT AND LOCAL PLANT AND TRAFFIC DESKS							
A312.000 SERVICE OBSERVING EQUIPMENT							
A312.020 CANCEL - SEE 210-225-301							Holding Time Recorders Nos. 1B and 1C
A312.100 OPERATING ROOM DESKS							
Add. A312.101							Cross Connections - No. 23 Type Desk or Trunk Concentrator Without, or Modified for, Key Control of Trunk Preference
A312.101 CANCEL - SEE 210-310-301							
A312.102 CANCEL - SEE 210-310-302							Cross Connections - Arranged for Key Control, Etc.
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A312.150 NO. 3 AND NO. 4 INFORMATION DESKS							
A312.151	CANCEL	-	SEE	210-303-301			Method of Tracing Alarms
A312.152	CANCEL	-	SEE	210-303-302			Method of Taking Equipment Out of Service
A312.500 SENDER MONITOR POSITIONS AND OUTGOING TRUNK TESTBOARDS - PANEL OFFICES							
A312.561	CANCEL	-	SEE	215-233-301			Method of Operating Sender Monitor Position - Noncoin Link Type Equipment
A312.562	CANCEL	-	SEE	215-233-302			Method of Operating Sender Monitor Position - Coin Link Type Equipment
A317. COMMUNITY DIAL OFFICES							
→ A317.001	CANCEL	-	SEE	200-100-900	PN		Fundamentals of Maintenance Administration
→ A317.002	CANCEL	-	SEE	200-100-900	PN		Trouble Ticket and Summary
→ A317.003	CANCEL	-	SEE	200-100-900	PN		Method of Classifying, Scheduling, Assigning and Recording Routine Effort
Add. A317.009							Associating Connector Terminals with Intercepting Trunks
A317.009	CANCEL	-	SEE	226-165-300			
A317.012	CANCEL	-	SEE	226-100-100			Line Load Control - Nos. 1 and 350A Step-by-Step Offices and Nos. 355A, 360A, and 35-E-97 Community Dial Offices
A317.035	CANCEL	-	SEE	226-705-502			Low Resistance Line Message Register Tests - Using Test Set SD-32150-01 and Test Line SD-31610-01 or Equivalent - Line Finder
A317.051	CANCEL	-	SEE	226-135-300			Method of Handling Permanent Signals Step-by-Step and Community Dial Offices
A317.052	CANCEL	-	SEE	226-145-300			Cable Protective Device Alarm, Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 - Procedure in Case of Alarm - Step-by-Step and Community Dial Offices

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A317. COMMUNITY DIAL OFFICES (CONTINUED)							
A317.101 CANCEL - SEE 227-520-500							Verification Test of Subscriber Lines Arranged for Automatic Number Identification - No. 1 and 350A Step-by-Step and No. 355A Community Dial Offices
Add. A317.601							
A317.601 CANCEL - SEE 226-160-300							Method of Taking Equipment Out of Service
A320. TOLL OFFICES - GENERAL ROUTINES							
→ A320.311 CANCEL - SEE 211-022-001							Classifying and Recording Trouble Data
A320.400 METHOD OF HANDLING TROUBLE REPORTS AND SIGNALS							
→ A320.471 CANCEL - SEE 211-146-301							Intertoll Trunk Concentrating Equipment - Trouble Indicating Alarm Routine
A320.500 RECORDS AND REPORTS							
→ A320.512 CANCEL - SEE 211-021-001							Trouble Indicator Records - Intertoll Trunk Concentrating Equipment
→ A320.513 CANCEL - SEE 211-146-001							Classifying and Recording Trouble Data - Intertoll Trunk Concentrating Equipment
→ A320.524 CANCEL - SEE 211-020-001							Equipment and Cross Connection Records - Toll Terminal Equipment
A320.550 ALARM ROUTINES AND TROUBLE CLEARING PROCEDURES							
→ A320.565 CANCEL - SEE 179-205-301							Supply Circuit SD-55962-01 - Manual Transfer - 1600- or 2000-Cycle Single Frequency Signaling System
→ A320.566 CANCEL - SEE 179-206-301							- SD-56239-01 - 1600 or 2000 Cycle Single Frequency Signaling System
→ A320.567 CANCEL - SEE 179-301-301							- 2400- or 2600-Cycle Single Frequency Signaling System
A320.600 METHOD OF TAKING EQUIPMENT OUT OF SERVICE							
A320.605 CANCEL - SEE 227-170-300							Intertoll Dialing

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A320. 650 ANALYSIS AND CLEARANCE OF TROUBLE CONDITIONS							
→ A320.665	CANCEL - SEE 179-215-301						1600- or 2000-Cycle Single Frequency Signaling Circuit - SD-55954-01 and SD-55954-02
→ A320.667	CANCEL - SEE 179-217-301						- Toll Systems - SD-56202-01
→ A320.668	CANCEL - SEE 179-303-301						2400- or 2600-Cycle Single Frequency Signaling Circuits
A320.671		1	1	1	A3,E12	1	Substation and Main Units - D1 Alarm and Control Circuit and Order Wire Circuit Toll Systems
A324. TOLL OPERATING DESKS AND TESTBOARDS							
A324.202					CANCELLED		Method of Making Voltmeter Tests for Test Control Board No. 8
A324.301	CANCEL - SEE 100-360-301						Toll Test Panel Per J61547W - Emergency Toll Offices
A328.) NOS. 4, A4A, 4A, AND 4M TOLL SWITCHING SYSTEMS							
A328.102					CANCELLED		Procedure in Case of Trunk Cable Failure - 4A Toll Switching System
A328. 200) GENERAL TROUBLES - ANALYZING, LOCATING, AND CLEARING							
A328.200					CANCELLED		Analyzing, Locating and Clearing Trouble Condition No. 4A Toll Switching System
A328.201					CANCELLED		Analyzing, Locating and Clearing Trouble Condition - Index of Sections Covering Trouble Conditions - No. 4A Toll Switching System
A328.211	CANCEL - SEE 212-202-301						Supplementary Procedure for Detecting Trouble - Beyond the Toll Switching Trunk
A328.213					CANCELLED		Incoming Trunk "IS" and "SM" Beach Crossed - 4A Toll Switching System
A328. 500) DISTRIBUTING FRAMES, TRANSLATOR ASSIGNMENTS, AND CROSS CONNECTIONS							
A328.600)							
A328.503	CANCEL - SEE 212-030-101						Wire Types - No. 4A and 4M Toll Switching Systems
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A328.500) DISTRIBUTING FRAMES, TRANSLATOR ASSIGNMENTS AND CROSS CONNECTIONS (CONTINUED)							
A328.600)							
A328.353				CANCELLED			Intertoll, Toll Completing and Combined Marker Cross-Connections - No. 4A Toll Switching System
Add. A328.611							Cross Connections - Automatic Outgoing Toll Connecting - Trunk Test Frame SD-68076-01 - No. 4 or 4M
A328.611				CANCEL - SEE 212-509-301			
Add. A328.612							- SD-68373-01 - Nos. 4, A4A, and 4A
A328.612				CANCEL - SEE 212-511-301			
A328.613				CANCEL - SEE 212-505-301			Automatic Outgoing Intertoll - Trunk Test Frame - Cross Connections
A328.651				CANCELLED			Trunk Assignment Distributing Frame - Cross Connections - Toll Switching Systems No. 4A
Add. A328.661							Translator Card Template - No. 4A
A328.661				CANCEL - SEE 212-120-301			
A328.800 METHODS OF HANDLING TROUBLE REPORTS AND SIGNALS							
A328.801				CANCEL - SEE 212-261-301			Method of Tracing Stuck Sender Connections - Nos. 4, A4A, and 4A
A329.000) METHODS OF HANDLING ALARMS AND OTHER SIGNALS							
A329.100)							
INCOMING AND OUTGOING FRAMES, CONNECTORS, ETC.							
A329.011				CANCELLED			Incoming Link and Connector Frame - Outgoing Link and Connector Frame - Nos. 4, A4A, and 4A
A329.031				CANCELLED			Operator, Repeater, and Sender Link and Connector Frames - Nos. 4, A4A, and 4A
SENDERS, MARKERS, ETC.							
A329.052				CANCELLED			Incoming Sender - Nos. A4A and 4A
A329.056				CANCELLED			Outgoing Senders - Nos. 4, A4A, and 4A
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CONTROLLERS. CONTROLLER CONNECTORS, ETC.						
→ A329.111				CANCELLED		Controller Connector and Link Controller Circuits - Nos. 4, A4A, and 4A
MISCELLANEOUS						
A329.178				CANCELLED		Reorder Trunk
A329.181				CANCELLED		Multi-frequency Signal Circuit - Nos. 4, A4A, and 4A
A329.186				CANCELLED		Interrupter Frame Motor Stop - Nos. 4, A4A, and 4A
A329.188				CANCEL - SEE 212-330-301		Fuse - Nos. 4, A4A, and 4A
A329.300)						
A329.400) METHODS OF TAKING EQUIPMENT OUT OF SERVICE						
A329.500)						
INCOMING AND OUTGOING FRAMES. CONNECTORS, ETC.						
A329.301				CANCEL - SEE 212-040-301		Major Units of Equipment - Nos. 4, A4A, and 4A
A329.311				CANCELLED		Incoming Link and Connector Frames - Nos. 4, A4A, and 4A
A329.321				CANCELLED		Outgoing Link and Connector Frames - Nos. 4, A4A, and 4A
A329.326				CANCELLED		Outgoing Intertoll Trunks - Nos. 4, A4A, and 4A
A329.328				CANCELLED		Toll Switching TX and Miscellaneous Trunks - Nos. 4, A4A, and 4A
A329.341				CANCELLED		Sender, Operator and Repeater Link and Connector Frames
A329.358				CANCELLED		Outgoing Senders - Nos. 4, A4A, and 4A
A329.381				CANCELLED		Trunk Block Connector - Nos. 4, A4A, and 4A
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A329.411				CANCELLED			Controller Connector and Link Controller Circuits - Nos. 4, A4A, and 4A
MISCELLANEOUS							
A329.511				CANCELLED			Interrupter Frame - Nos. 4, A4A, and 4A
A329.600 OPERATION OF CIRCUITS AND EQUIPMENT UNITS							
→ A329.601	CANCEL - SEE	212-108-501					Frame Identification Detectors - Markers Nos. 4, A4A, and 4A
→ A329.610	CANCEL - SEE	212-120-502					Card Translator Channel Circuits Locating Trouble - Using No. 100A Test Set - Nos. 4A and 4M
A329.700 RECORDS AND REPORTS							
→ A329.703	CANCEL - SEE	212-025-001					Trouble Tickets - No. 4A
→ A329.712	CANCEL - SEE	212-029-001					Classifying and Recording Trouble Data - No. 4A and 4M
→ A329.724	CANCEL - SEE	212-026-001					Equipment Record Cards
→ A329.725	CANCEL - SEE	212-027-001					Cross-Connection Forms - CAMA Equipment - No. 4A and 4M Toll Switching Systems
→ A329.733	CANCEL - SEE	212-028-001					Preparation of Trunk Connection Summary Information for No. A4A
A337. NO. 12 SWITCHBOARD							
A337.101	1	1	1	A13	1	A13	Voltmeter, Ringing and Talking Tests
A337.111	1	1	1	A13	1	A13	Test Connections for Toll Line and Trunk Tests from Distant Office
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332 - 0 INDEXES AND GENERAL INFORMATION							
→ 332-000-000	18	18					Numerical Index - Division 332 - Voice Frequency Telephone Repeaters, Pilot Wire Regulators, Echo Suppressors, Composite Sets and Associated Equipment
GENERAL INFORMATION							
332-010-010	3	3	3	E2, E20			Test Results on Voice Repeaters
Add. 332-010-011 PN		B	B	A3, E2, E20			Forms for Recording Results of Singing Point and Office Cabling Balance Tests
332-010-011	4	4	4	A3, E2, E20			Circuit Order Tests Unit
332-010-012	4	4	4	E2, E20			Telephone Repeaters - Jack Field Designations and Assignment Directory
332-010-015	2	2	2	E2, E20			Voice Frequency Telephone Repeaters - General Instructions
Add. 332-010-100	1	1	1	E2, E20			Voice Frequency Telephone Repeaters - General Instructions
332-010-100	2	2	2	E2, E20			Procedure for Investigating Gains of Telephone Repeaters
332-010-101	2	2	2	E2, E20			Repeater Attendant's Telephone Set
Add. 332-011-100	1	1	1	E2, E20			Repeater Attendant's Telephone Set
332-011-100	1	1	1	E2, E20			

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332 - 0 INDEXES AND GENERAL INFORMATION (CONTINUED)									
GENERAL INFORMATION (CONTINUED)									
332-011-101	1	1	1	E2,E20					4-Wire Telephone Order Wire - Hybrid Coil Bridging
332-015-100	2	2	2	E2,E20					Simplified Theory of Singing Point Tests
332-015-300	3	3	3	E2,E20					Singing Point Tests
Add. 332-015-500 LL		A	A	E2,E20					Singing Point Tests for Voice Frequency
332-015-500	3	3	3	E2,E20					Trunks
332-016-010	3	3	3	E2,E20					Location of Irregularities on Loaded Cable Pairs Through Analysis of Impedance and Impedance Unbalance Curves
332-016-011	1	1	1	E2,E20					Forms for Recording Attenuation and Impedance Measurements on Toll Circuits Voice Frequency Range
332 - 1 AMPLIFIER TYPE TELEPHONE REPEATERS									
22 TYPE REPEATERS									
Add. 332-100-100	3	3	3	E2					22A1 Telephone Repeater
332-100-100	1	1	1	E2					22A1 Telephone Repeater
332-100-101	1	1	1	E2					22A2 and D-87797 Telephone Repeaters
332-010-012	4	4	4	E2,E20					Circuit Order Tests Circuit Units

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332 - 1 AMPLIFIER TYPE TELEPHONE REPEATERS (CONTINUED)						
22 TYPE REPEATERS (CONTINUED)						
Add. 332-100-102	2	2	2	E2		Circuits and Apparatus Associated with 22A1, 22A2 and D-87797 Telephone Repeaters
332-100-102	1	1	1	E2		
332-100-103	2	2	2	E2		22 Type Telephone Repeaters Modified for 4-Wire Operation
332-100-104	1	1	1	E2		22 Type Telephone Repeater Arranged for AC Operation
Add. 332-100-300	2	2	2	E2		22A1, 22A1 (HE), D-87797 and 22A2 Telephone Repeaters - Operating Requirements and Limits
332-100-300	3	3	3	E2		
Add. 332-100-500	3	3	3	E2		22A1, D-87797 and 22A2 Telephone Repeaters - Tests and Adjustments
332-100-500	2	2	2	E2		22A1, D-87797 and 22A2 Telephone Repeaters - Tests and Adjustments
Add. 332-100-501	1	1	1	E2		22 Type Telephone Repeaters Arranged for AC Operation - Tests and Adjustments
332-100-501	2	2	2	E2		
44 TYPE REPEATERS						
Add. 332-101-100 LL		C	C	E2		44A1 Telephone Repeater
Add. 332-101-100	3	3	3	E2		44A1 Telephone Repeater
332-101-100	1	1	1	E2		44A1 Telephone Repeater
Add. 332-101-101	1	1	1	E2		Circuits and Apparatus Associated with the 44A1 Telephone Repeater
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44 TYPE REPEATERS (CONTINUED)						
332-101-101	1	1	1	E2		Circuits and Apparatus Associated with the 44A1 Telephone Repeater
332-101-102	2	2	2	E2		Circuits and Apparatus Associated with the 44A1 Telephone Repeater - Regulating Network Lockup Circuit for Telephoto Services
332-101-103 LL		B	B	E2		Negative Feedback 44A1 Telephone Repeater
Add. 332-101-300	1	1	1	E2		44A1 Telephone Repeater Operating Requirements and Limits
332-101-300	5	5	5	E2		44A1 Telephone Repeater Operating Requirements and Limits
Add. 332-101-500	1	1	1	E2		44A1 Telephone Repeater - Tests and Adjustments
332-101-500	2	2	2	E2		44A1 Telephone Repeater - Tests and Adjustments
332-101-503 LL		B	B	E2		Negative Feedback 44A1 Telephone Repeaters
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332 - 1 AMPLIFIER TYPE TELEPHONE REPEATERS (CONTINUED)						
V1 TYPE REPEATERS						
Add. 332-102-100	1	1	1	E2		V1 Telephone Repeater and Associated Equipment
332-102-100	2	2	2	E2		V1 Telephone Repeater and Associated Equipment
332-102-101	1	1	1	E2		V1 Telephone Repeater Switching Circuit
332-102-300	6	6	6	E2		V1 Telephone Repeater - Circuit Order and Periodic Tests
Add. 332-102-500	2	2	2	E2		V1 Telephone Repeater - Tests and Adjustments
332-102-500	4	4	4	E2		V1 Telephone Repeater - Tests and Adjustments
V3 REPEATERS						
332-103-100	1	1	1	E2		V3 Telephone Repeater
332-103-101	1	1	1	E2		V3 Telephone Repeater - Bay Arrangements
332-103-300	2	2	2	E2		V3 Telephone Repeater - Circuit Order and Periodic Tests
332-103-500	3	3	3	E2		V3 Telephone Repeater - Tests and Adjustments on V3 Amplifier
332-103-501	2	2	2	E2		V1 and V3 Telephone Repeaters - Associated Equipment Tests and Adjustments
332-103-502	2	2	2	E2		V3 Telephone Repeater - Adjustment of Battery Supply Circuits

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332 - 1 AMPLIFIER TYPE TELEPHONE REPEATERS (CONTINUED)									
V4 REPEATERS									
Add.	332-104-100	1	1	1	A10,B1,B3,			V4 Telephone Repeater	
	332-104-100	1	1	1	E2,E20			V4 Telephone Repeater	
	332-104-101	1	1	1	A10,B1,B3,			V4 Telephone Repeater - 227 Type	
					E2,E20			Amplifier	
	332-104-102	2	2	2	A10,B1,B3,			24V4B Telephone Repeater	
					E2,E20				
	332-104-500	1	1	1	A10,B1,B3,			V4 Telephone Repeater - Initial Lineup	
					E2,E20				
	332-104-501	1	1	1	A10,B1,B3,			V4 Telephone Repeater - 227 Type	
					E2,E20			Amplifiers - Tests and Adjustments	
	332-105-101	1	1	1	A10,B1,B3,			V4 Telephone Repeater - 24V4A Repeater	
					E2,E20			Mounting Shelf - Description	
	332-105-102	1	1	1	A10,B1,B3,			V4 Telephone Repeater - 24V4B Repeater	
					E2,E20			Mounting Unit - Description	
	332-105-103	1	1	1	A10,B1,B3,			24Vac Repeater Mounting Shelf -	
					E2,E20			Description	
	332-106-101	1	1	1	A10,B1,B3,			44V4A Repeater Mounting Shelf - Description	
					E2,E20				
	332-106-102	1	1	1	A10,B1,B3,			44V4B Repeater Mounting Shelf - Description	
					E2,E20				
	332-115-101	1	1	1	A10,B1,B3,			849A Network - Description	
					E2,E20				
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V4 REPEATERS (CONTINUED)						
332-115-102	1	1	1	A10,B1,B3, E2,E20		849B Network - Description
332-115-103	1	1	1	A10,B1,B3, E2,E20		849C Network - Description
332-115-104	1	1	1	A10,B1,B3, E2,E20		849D Network - Description
332-115-105	1	1	1	A10,B1,B3, E2,E20		849E Network - Description
332-115-106	1	1	1	A10,B1,B3, E2,E20		849F Network - Description
332-115-107	1	1	1	A10,B1,B3, E2,E20		849G Network - Description
→ 332-116-101	1	1	1	A10,B1,B3, E2,E20		359A Equalizer - Description
→ 332-116-102	1	1	1	A10,B1,B3, E2,E20		359B Equalizer - Description
332-116-105	1	1	1	A10,B1,B3, E2,E20		359E Equalizer - Description
332-117-101	1	1	1	A10,B1,B3, E2,E20		648A Filter - Description
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332 - 2 NEGATIVE IMPEDANCE TELEPHONE REPEATERS						
E TYPE REPEATERS						
332-200-000	3	3	3	A10,E2,E20		E1 Telephone Repeater - General Information
Add. 332-200-100 PN		A	A	A10,E2,E20		GB-8984 Gain Disabler
332-200-100	1	1	1	A10,E2,E20		E Type Telephone Repeaters - General Information on Placing Repeaters In Service
332-200-101	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Taking Repeater Out of Service and Analyzing Trouble
332-200-102	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Taking an E1 or E3 Repeater Out of Service and Preparing for Trouble Analysis
332-200-103	1	1	1	A10,E2,E20		E Type Telephone Repeater - Taking E2 or E23 Repeater Out of Service and Preparing for Trouble Analysis
332-200-104	1	1	1	A10,E2,E20		E Type Telephone Repeaters - General Procedures for Trouble Analysis for a Line Equipped with an E1, E2, E13 or E23 Repeater when Little Gain, No Gain or Poor Transmission is Indicated
332-200-105	1	1	1	A10,E2,E20		E Type Telephone Repeaters - General Procedures for Trouble Analysis for a Line Equipped with an E1, E2, E13 or E23 Repeater when Instability or Excessive Gain is Indicated

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E TYPE REPEATERS (CONTINUED)						
332-200-106	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Network Strapping by Use of Charts - E13 or E23 Bridged Repeaters
332-200-107	3	3	3	A10,E2,E20		E Type Telephone Repeaters - Network Strapping by Use of Charts - E1 Repeater SD-95465-01
332-200-108	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Application of Test Terminations Using Test Termination Circuit SD-96576-01 or Trunk Terminating and Patching Jacks at Master Test Frame
332-200-300	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Placing E1 or E13 Repeaters in Service Using E-Repeater Test Set
332-200-301	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Placing E2 or E23 Repeaters in Service Using E-Repeater Test Set
332-200-302	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Placing E1 or E13 Repeaters in Service Using 2G Repeater Test Set
332-200-303	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Placing Repeaters in Service Without the Use of a Repeater Test Set
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E TYPE REPEATERS (CONTINUED)						
332-200-500	3	3	3	A10,E2,E20		E Type Telephone Repeaters - General Information on Tests and Inspections
332-200-501	3	3	3	A10,E2,E20		E Type Telephone Repeaters - Electron Tubes - Visual Checks, Measurements and Adjustment of Applied Voltages
332-200-502	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Monitoring Tests
332-200-503	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Effective Gain Measurement - Method A - Using E Repeater Test and Test Oscillator
332-200-504	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Effective Gain Measurement - Method B - Using E Repeater Test Set and Noise Generator
332-200-505	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Effective Gain Measurement - Method C - Using 2G Repeater Test Set and Test Oscillator
332-200-506	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Effective Gain Measurement - Method D - Using 2G Repeater Test Set and Noise Generator
332-200-507	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Effective Gain Measurement - Method E - Measurements of Gain Peaks and Valleys - Using E Repeater Test Set

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E TYPE REPEATERS (CONTINUED)						
332-200-508	1	1	1	A10,E2,E20		E Type Telephone Repeaters - Effective Gain Measurements - Method F - Measurements of Gain Peaks and Valleys - Using 2G Repeater Test Set
332-200-509	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Circuit Net Loss Measurement - Method A - Using a Test Oscillator
332-200-510	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Circuit Net Loss Measurement - Method B - Using a Noise Generator
332-200-511	3	3	3	A10,E2,E20		E Type Telephone Repeaters - Gain Tests for Repeater in a Standard 600 Ohm Circuit - Method A - Using the E Repeater Test Set
332-200-512	2	2	2	A10,E2,E20		E Type Telephone Repeaters - Gain Tests for Repeater in a Standard 600 Ohm Circuit - Method B - Using the 2G Repeater Test Set
Add. 332-206-100 PN		B	B	A10,E2,E20		E Type Repeaters - E6 Repeater
Add. 332-206-100	1	1	1	A10,E2,E20		E Type Repeaters - E6 Repeater
332-206-100	1	1	1	A10,E2,E20		E Type Repeaters - E6 Repeater
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E TYPE REPEATERS (CONTINUED)						
332-206-110	1	1	1	A10,B1,E2, E20		J98619A Subscriber Loop - Message and Signal Repeater
332-206-123	1	1	1	A10,E2,E20		830C Network - Description
332-206-153	1	1	1	A10,E2,E20		837C Network - Description
332-206-502	1	1	1	A10,E2,E20		E6 Repeater Line-Up - on Nonloaded Cable
332-206-503	1	1	1	A10,E2,E20		E6 Repeater Line-Up on Non Loaded PBX- To-CO Trunk with 830C Network at Central Office No Network at PBX
332-206-510	1	1	1	A10,B1,E2, E20		J98619A Subscriber Loop - Message and Signal Repeater - Tests and Adjustments
332-207-100	1	1	1	A10,E2,E20		E7 Repeaters - Introduction
332-207-101	1	1	1	A10,E2,E20		E7 Repeater - Theory
332-207-121	1	1	1	A10,E2,E20		E7 Repeater - Application to MTWX Circuits
332-207-301	1	1	1	A10,E2,E20		E7 Repeaters - Line-Up
332-207-311	1	1	1	A10,E2,E20		E7 Repeaters - Maintenance

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332 - 4 PILOT WIRE REGULATORS AUXILIARY EQUIPMENT						
PILOT WIRE REGULATORS						
Add. 332-400-100	1	1	1	E2		4A Pilot Wire Transmission Regulating System
332-400-100	2	2	2	E2		4A Pilot Wire Transmission Regulating System
Add. 332-400-300 LL		C	C	E2		4A and 5A Pilot Wire Transmission Regulating System - Initial Line-Up and Maintenance Procedures
332-400-300	2	2	2	E2		
Add. 332-400-500 LL		E	E	E2		4A Pilot Wire Transmission Regulating System - Tests and Adjustments
332-400-500	3	3	3	E2		
Add. 332-401-100	1	1	1	E2		5A Pilot Wire Transmission Regulating System - Description
332-401-100	1	1	1	E2		5A Pilot Wire Transmission Regulating System - Description
Add. 332-401-500 LL		E	E	E2		5A Pilot Wire Transmission Regulating System - Tests and Adjustments
332-401-500	3	3	3	E2		
332-402-100	1	1	1	E2		Regulated Circuit Units - Gain Corrections

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332 - 4 PILOT WIRE REGULATORS, ECHO SUPPRESSORS, TOLL CONFERENCE GROUPING CIRCUITS AND AUXILIARY EQUIPMENT (CONTINUED)								
ECHO SUPPRESSORS								
→	☐	332-410-010	1	1	1	E2,E20		Jack Field Designations
→	☐	Add. 332-410-100 LI.		C	C	E2,E20		1A Echo Suppressor
→	☐	332-410-100	1	1	1	E2,E20		1A Echo Suppressor
		332-410-101	1	1	1	E2,E20		1A Echo Suppressor - With Enabler and Disabler
	Add.	332-410-102 LL		A	A	E2,E20		1A Echo Suppressor - Modification for
		332-410-102	3	3	3	E2,E20		Use on Telephotograph Circuits
		332-410-300	4	4	4	E2,E20		1A Echo Suppressor - Circuit Order and Maintenance Test Intervals
		332-410-301	1	1	1	E2,E20		1A Echo Suppressor - Operational Test from Circuit Terminals
		332-410-500	4	4	4	E2,E20		1A Echo Suppressor and Disabler - Tests and Adjustments
→	☐	332-411-100	2	2	2	E2,E20		44A Echo Suppressor
→	☐	332-411-300	4	4	4	E2,E20		44A and 553A Echo Suppressors - Circuit Order and Maintenance Test Intervals
	Add.	332-411-301 LL		A	A	E2,E20		4 Wire Echo Suppressor Operation -
		332-411-301	3	3	3	E2,E20		Trouble Investigation from Circuit Terminals

☐ These Sections Are Now Obsolete. They May be Retained With Locally Prepared Section If Desired.

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332 - 4 PILOT WIRE REGULATORS, ECHO SUPPRESSORS, TOLL CONFERENCE GROUPING CIRCUITS AND AUXILIARY EQUIPMENT (CONTINUED)							
ECHO SUPPRESSORS (CONTINUED)							
→ ☐ 332-411-500	4	4	4	E2,E20		44A Echo Suppressors - Tests and Adjustments	
→ ☐ 332-411-501	3	3	3	E2,E20		553A Echo Suppressors - Tests and Adjustments	
→ ☐ 332-411-502	2	2	2	E2,E20		Zero Level Sensitivity of Echo Suppressors	
332-412-101	1	1	1	E2,E20		3A Echo Suppressor - Description	
332-412-300	1	1	1	E2,E20		3A Echo Suppressor - Circuit Order and Maintenance Test Intervals	
332-412-500	1	1	1	E2,E20		3A Echo Suppressor - Line-Up	
1A COMPANDOR							
Add. 332-420-100 LL		A	A	E2,E20		Description	
Add. 332-420-100	1	1	1	E2,E20		Description	
332-420-100	1	1	1	E2,E20		Description	
332-420-300	1	1	1	E2,E20		Circuit Order and Periodic Tests	
Add. 332-420-500 LL		A	A	E2,E20		Testing Methods	
332-420-500	2	2	2	E2,E20		Testing Methods	

☐ These Sections Are Now Obsolete. They May be Retained With Locally Prepared Section If Desired.

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332 - 4 PILOT WIRE REGULATORS, ECHO SUPPRESSORS, TOLL CONFERENCE GROUPING CIRCUITS AND AUXILIARY EQUIPMENT (CONTINUED)						
TOLL CONFERENCE GROUPING CIRCUITS						
Add. 332-430-100 LL 332-430-100	3	B 3	B 3	E2 E2		Toll Conference Grouping Circuit - Six Outlet Arrangement with Repeaters - Switching Pad Non-Gain and Cord Circuit Repeater Offices
Add. 332-430-300 LL 332-430-300	3	B 3	B 3	E2 E2		Periodic Tests and Trouble Investigations - Toll Conference Grouping Circuit Six Outlet Arrangement With Repeaters - Switching Pad Non-Gain and Cord Circuit Repeater Offices
Add. 332-430-500 LL 332-430-500	3	B 3	B 3	E2 E2		Tests and Adjustments - Toll Conference Grouping Circuit - Six Outlet Arrange- ment with Repeaters - Switching Pad Non-Gain and Cord Circuit Repeater Offices
332-431-100	2	2	2	E2		Toll Conference Grouping Circuit - Six Outlet V Repeatered Volcas Arrangement
332-431-300	2	2	2	E2		Periodic Tests and Adjustments - Toll Conference Grouping Circuit - Six Outlet V Repeatered Volcas Arrangement
332-431-500	3	3	3	E2		Toll Conference Grouping Circuit - Six Outlet V Repeatered Arrangement - Tests and Adjustments
332-432-100	2	2	2	E2		Volcas for 22 Type Repeaters Used with Toll Conference Grouping Circuits
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332 - 4 PILOT WIRE REGULATORS, ECHO SUPPRESSORS, TOLL CONFERENCE GROUPING CIRCUIT AND AUXILIARY EQUIPMENT (CONTINUED)						
TOLL CONFERENCE GROUPING CIRCUITS (CONTINUED)						
332-432-300	2	2	2	E2	Periodic Tests and Trouble Investigation - Volcas for 22 Type Repeaters Used with Toll Conference Grouping Circuits	
332-432-500	2	2	2	E2	Tests and Adjustments - Volcas for 22 Type Repeaters Used with Toll Conference Grouping Circuits	
332-433-100	1	1	1	E2	Toll Conference Grouping Circuit - Three Outlet Arrangement - Non-Repeatered	
332-435-100 LL		A	A	E2	Transmission - One-Way Toll Conference Grouping Circuit - Twenty-Five Jack Arrangement with Repeaters - Switching Pad Offices	
AUXILIARY EQUIPMENT						
332-450-100	3	3	3	E2,E20	Composite Sets and Associated Hybrid Transformers	
332-450-500	1	1	1	E2,E20	Testing and Balancing Composite Sets and Associated Line or Hybrid Transformers	

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332 - 7 E7 REPEATERS							
332-700-100 CANCEL - SEE				332-207-100			E7 Repeater - Introduction
332-700-301 CANCEL - SEE				332-207-301			E7 Line-Up
332-700-311 CANCEL - SEE				332-207-311			E7 Repeaters - Maintenance
332 - 8 4 WIRE TERMINATING SETS							
332-800-101	1	1	1	A10,B1,E2, E20			1A Terminating Set - Description
332-800-102	1	1	1	A10,B1,E2, E20			1B Terminating Set Description
332-800-103	1	1	1	A10,E2,E20			1C Terminating Set - Description
332-800-104	1	1	1	A10,B1,E2, E20			1D Terminating Set - Description
332-800-105	1	1	1	A10,E2,E20			1G Terminating Set - Description
332-810-100 CANCEL - SEE 332-800-105				332-800-103, 332-800-104 AND			Type 1C, 1D and 1G 4-Wire Terminating Sets
332-852-101	2	2	2	A10,B1,E2, E20			4066A Network - Description
332-852-102	1	1	1	A10,B1,E2, E20			4066B Network - Description
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PACIFIC NORTHWEST BELL CHECKING LIST
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A350.) A359.)							STEP - BY - STEP OFFICES
A350. INTERDEPARTMENTAL ROUTINES							
Add. A350.021 A350.021							Verification Test of Subscriber Line - No. 1 Step-by-Step Offices Ar- ranged for AMA
CANCEL - SEE 227-206-500							
Add. A350.031 A350.031							Line Message Register Tests Using Test Set J34706A and Test Line SD-31610-01 or Equivalent - Line Finder
CANCEL - SEE 226-705-500							
Add. A350.032 A350.032							- Using Message Register Test Set ES-360006 (X61163) Line Switch
CANCEL - SEE 225-115-500							
CANCEL - SEE 225-115-500							- Using Test Set J34706A and Test Line SD-31610-01 or Equivalent - Line Finder Arranged for Over- time Charging
A350.033 A350.033							
CANCEL - SEE 226-705-501							
A350.035 A350.035							Low Resistance Line Message Regis- ter Tests - Using Test Set SD-32150- 01 and Test Line SD-31610-01 or Equivalent - Line Finder
CANCEL - SEE 226-705-502							
A351. EMERGENCY ROUTINES							
A351.012 App. 1 A351.012							Line Load Control Using Line Load Control Circuit SD-32069-01
CANCEL - SEE 226-100-100							
CANCEL - SEE 226-100-100							
A352. DISTRIBUTING FRAME AND CROSS CONNECTION							
Sup. Add. A352.009 Add. A352.009							Associating Connector Terminals with Intercepting Trunks
CANCEL - SEE 226-165-300							
A352.009 A352.009							Using Intercepting Tools
CANCEL - SEE 226-165-300							
A352.009.1 A352.015							Cross Connection and Record Forms - Step-by-Step Intertoll CAMA Offices
CANCEL - SEE 227-300-000							
A352.400 AUTOMATIC MESSAGE ACCOUNTING							
A352.416 A352.416							Identifier Cross Connections - No. 1 Step-by-Step Offices - Arranged for AMA
CANCEL - SEE 227-221-300							

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A354. METHOD OF HANDLING TROUBLE REPORTS AND SIGNALS							
A354.011.2		A	NS		A	A1,A5	Procedures for Analyzing and Locating Troubles - DSA Assistance Calls and Calls Held for Tracing - Step-by-Step Offices - Outstate Area
A354.032	CANCEL - SEE	226	140	300			Method of Tracing Release Alarm Signals
Add. A354.051							Permanent Signals
A354.051	CANCEL - SEE	226	135	300			
A354.052	CANCEL - SEE	226	145	300			Cable Protective Device Alarm; Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 - Procedure in Case of Alarm - Step-by-Step and Community Dial Offices
A354.062	CANCEL - SEE	226	170	700	4		Analysis and Correction of Pulsing Failures - Using Pulsing Test Set SD-31481-01 (J34717A)
A354.091	CANCEL - SEE	227	200	300			Trouble Recorder Alarm Routine and Trouble Analysis - No. 1 Step-by-Step Offices - Arranged for AMA
A354.137	CANCEL - SEE	227	430	300			Recorder and Recorder Connector - Alarm Routine - No. 1 Step-by-Step Offices Arranged for AMA or CAMA-Alarm Procedures
A354.200 AUTOMATIC TICKETING							
A354.301	CANCEL - SEE	227	520	500			Verification Test of Subscriber Lines Arranged for Automatic Number
A355. RECORDS AND REPORTS							
→ A355.301	CANCEL - SEE	200	100	900	PN		Trouble Ticket
→ A355.311	CANCEL - SEE	200	100	900	PN		Classifying and Recording Trouble Data
A355.315	CANCEL - SEE	226	020	000			Summary and Analysis of Contact Noise Measurements
A356. METHOD OF TAKING EQUIPMENT OUT OF SERVICE							
Add. A356.001							Method of Taking Equipment Out of Service
A356.001	CANCEL - SEE	226	160	300			
A356.071		1	NS				Method of Taking Interrupter Machine Out of Service - Step-by-Step "B" Switchboard
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SECTION NO.

A356.100 AUTOMATIC MESSAGE ACCOUNTING

→ A356.137 CANCEL - SEE 227-254-300

SUBJECT

Recorder and Recorder Connector
Circuits Offices Arranged for AMA

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A 360.) A 369.)							PANEL OFFICES
A 360. INTERDEPARTMENTAL ROUTINES							
→ A 360.017				CANCEL - SEE 215-179-301			Traffic Register Routine
→ A 360.029				CANCEL - SEE 215-301-501			Line Verification Test - Line Switch Panel Offices - Arranged for ANI
→ A 360.030				CANCEL - SEE 215-301-502			Line Message Register Tests - Line Switch
→ Add. A 360.031				CANCEL - SEE 215-102-501			- Line Finder
→ A 360.031				CANCEL - SEE 215-102-501			
A 361. EMERGENCY ROUTINE							
→ A 361.001				CANCEL - SEE 215-010-301			Procedure in Case of Subscriber Cable Failure
→ A 361.002				CANCEL - SEE 215-010-302			Procedure in Case of Trouble Cable Failure
→ A 361.012				CANCEL - SEE 215-101-301			Line Load Control Using Line Load Control Circuit SD-96387-01
A 362. DISTRIBUTING FRAME AND CROSS CONNECTION							
→ A 362.002				CANCEL - SEE 215-107-301			Graded Multiple Cross Connections - Trunk, District or Main Distrib- uting Frame
→ A 362.007				CANCEL - SEE 215-141-301			Decoder Cross Connections
→ Add. A 362.009							Associating Vacant Final Terminals with Intercepting Trunks
→ A 362.009				CANCEL - SEE 215-104-301			
→ Add. A 362.012							Incoming Selector Test Frame - Cross Connections
→ A 362.012				CANCEL - SEE 215-120-301			
→ Add. A 362.015							Office Selector Test Frame - Cross Connections
→ A 362.015				CANCEL - SEE 215-111-301			
→ A 362.025				CANCEL - SEE 215-102-301			Associating Overflow Register Cir- cuits with Subscriber Lines
→ A 362.102				CANCEL - SEE 215-201-302			Class of Service Cross Connections - Subscriber Trip Circuits Ar- ranged for One or Two Classes of Service - Panel Link Type Equip- ment

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A362. DISTRIBUTING FRAME AND CROSS CONNECTION (CONTINUED)							
→ A362.112 CANCEL - SEE 215-303-301							- Subscriber Trip Circuits Arranged for Two Classes of Service - Line Finder Sender Selector Equipment
A364. METHOD OF HANDLING TROUBLE REPORTS AND SIGNALS							
A364.000 METHODS COMMON TO ALL TYPES OF PANEL EQUIPMENT							
→ A364.002 CANCEL - SEE 215-125-301							Method of Handling Overstepping of Final Selectors - Caused by High Terminating Traffic
→ A364.005 CANCEL - SEE 215-155-301							Method of Handling Permanent Signals on Permanent Signal Holding Trunks - with or without ANI
→ A364.006 CANCEL - SEE 215-154-301							Method of Handling Steady Signals on Special Service Trunks
→ A364.007 CANCEL - SEE 215-130-301							Method of Tracing Stuck Senders
A364.099		1	1	A8		NS	Method of Handling Permanent Signals
A364.100 SUBSCRIBER LINE FINDER AND DISTRICT FRAMES							
→ A364.161 CANCEL - SEE 215-201-305							Method of Tracing Trip Circuit Alarms
→ Add. A364.165 CANCEL - SEE 215-203-304 PN							Method of Handling District Selector Time Alarms
→ A364.165 CANCEL - SEE 215-203-304							
→ A364.166 CANCEL - SEE 215-203-305							Method of Tracing Coin Control Time Alarms
→ A364.167 CANCEL - SEE 215-203-302							Fuse Alarm Routine
→ A364.169 CANCEL - SEE 215-203-303							Motor Stop Alarm Routine
→ A364.311 CANCEL - SEE 215-121-303							Method of Handling Stuck Off Normal, Full Selector - Incoming Circuits Using the Off Normal Detection and Release Circuit, SD-21980-01 Panel Offices
A364.400 SUBSCRIBER LINK, SENDER AND MISCELLANEOUS FRAMES							
→ A364.415 CANCEL - SEE 215-130-302							Subscriber Sender Group Busy Alarm

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LINK TYPE EQUIPMENT							
A364.461	CANCEL	- SEE	215-213-302				Method of Tracing Link Time Alarms
A364.462	CANCEL	- SEE	215-201-303				Method of Tracing Start Circuit Time Alarms
A364.463	CANCEL	- SEE	215-141-303				Decoder Time Alarm Routine
A364.464	CANCEL	- SEE	215-143-301				Decoder Connector Time Alarm
A364.465	CANCEL	- SEE	215-145-301				Trouble Indicator Routine
A364.466	CANCEL	- SEE	215-141-304				Fuse Alarm Routine - Decoder Equipment
A364.467	CANCEL	- SEE	215-251-301				Fuse Alarm Routine
A364.468	CANCEL	- SEE	215-140-301				Motor Stop Alarm Routine - Decoder Test Frame
A364.469	CANCEL	- SEE	215-251-302				Motor Stop Alarm Routine
A364.700 "B" SWITCHBOARD EQUIPMENT							
CALL DISTRIBUTING OR KEY LISTENING							
A364.701				CANCELLED			Emergency Alarm
A364.800 PANEL SENDER TANDEM EQUIPMENT							
A364.865	CANCEL	- SEE	215-845-301				Trouble Indicator Routine
A364.866	CANCEL	- SEE	215-841-301				Fuse Alarm Routine - Decoder Equipment
A364.867				CANCELLED			Call Announcer Alarm Routine
A364.869	CANCEL	- SEE	215-822-301				Sender Trouble Recorder Routine
A365. RECORDS AND REPORTS							
→ A365.301	CANCEL	- SEE	200-100-900	PN			Trouble Tickets
A365.303				CANCELLED			Permanent-Signal Ticket
Add. A365.311							Classifying and Recording Trouble Data
→ A365.311	CANCEL	- SEE	200-100-900	PN			
A365.315	CANCEL	- SEE	215-175-301				Summary and Analysis of Contact Noise Measurements
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A365. RECORDS AND REPORTS (CONTINUED)							
A365.951				CANCELLED			Summary of Reported and Routine Not Found Trouble - Panel Dial Offices
A366. METHOD OF TAKING EQUIPMENT OUT OF SERVICE							
A366.100 DIAL SYSTEM EQUIPMENT							
A366.161				CANCEL - SEE 215-252-301			Individual Machine Switching Circuits - Subscriber Link Type
A366.162				CANCEL - SEE 215-201-301			Line Finder Frame - Link Type
A366.163				CANCEL - SEE 215-203-301			Subscriber Link Type District Frame
A366.164				CANCEL - SEE 215-213-301			Subscriber Link Frame
A366.165				CANCEL - SEE 215-231-301			Subscriber Sender Frame - Link Type
A366.166				CANCEL - SEE 215-141-305			Decoder Equipment
A366.800 PANEL SENDER TANDEM EQUIPMENT							
A366.801				CANCELLED			Call Announcer Machines - Routine Switching or Sender Call Announcer Loads
A366.866				CANCEL - SEE 215-881-301			Panel Sender Tandem Office
A366.900 MISCELLANEOUS EQUIPMENT							
A366.908				CANCEL - SEE 215-195-301			Alarm Sending and Transfer Circuits

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A370.) A379.) CROSSBAR OFFICES							
A370.) A371.) NO. 1 CROSSBAR OFFICES A372.)							
A370.000 INTERDEPARTMENTAL ROUTINES							
→ A370.033 CANCEL - SEE 216-114-501							Verification Test of Subscriber Lines Offices Arranged for AMA
→ Add. A370.035 CANCEL - SEE 216-112-501 PN							Line Cross Connection, Class of Service and Message Register Tests
→ A370.035 CANCEL - SEE 216-112-501							
→ A370.047 CANCEL - SEE 216-110-301							Procedure for Making Cutover Prep- aration Tests During Installation Load Test
A370.100 EMERGENCY ROUTINES AND METHODS OF HANDLING EMERGENCY EQUIPMENT							
→ A370.107 CANCEL - SEE 216-107-302							Subscriber Cable Failure - Offices Arranged for AMA
→ A370.110 CANCEL - SEE 216-106-301							Originating and Terminating Load Control
→ A370.112 CANCEL - SEE 216-105-301							Line Load Control
App. 1 A370.112				CANCELLED			
A370.200) A370.300) GENERAL TROUBLES - ANALYZING, LOCATING AND CLEARING							
→ Add. A370.200							Analyzing, Locating and Clearing Trouble Conditions
→ A370.200 CANCEL - SEE 216-601-300							
→ A370.201 CANCEL - SEE 216-601-301							Analyzing, Locating and Clearing Trouble Conditions - Index to Sec- tions Covering Trouble Conditions
→ A370.210 CANCEL - SEE 216-623-301							False Trouble Release from Originat- ing Marker Due to Crossed Contacts on the DT1 Relay
→ A370.211 CANCEL - SEE 216-625-301							Crossed Originating Marker Multiple SL Leads
→ A370.212 CANCEL - SEE 216-627-301							Premature Release of Originating Marker
→ A370.213 CANCEL - SEE 216-629-301							False Continuity of Originating Marker Connector DC Lead
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A370.200)							
A370.300)							GENERAL TROUBLES - ANALYZING, LOCATING AND CLEARING (CONTINUED)
→ A370.214	CANCEL	- SEE	216-631-301				Originating Marker Receiving Lead Permanently Closed - Originating Marker Connector
→ A370.218	CANCEL	- SEE	216-633-301				Open Transmitting Lead between Originating Marker and Sender
→ A370.221	CANCEL	- SEE	216-609-301				Open Subscriber Sender of Relay Shunt Circuit
→ A370.222	CANCEL	- SEE	216-611-301				Crossed Contacts of Subscriber Sender Link GP Relay
→ A370.223	CANCEL	- SEE	216-613-301				Falsely Grounded Subscriber Sender Link DC Lead
→ A370.224	CANCEL	- SEE	216-621-301				Stuck Key Pulsing Senders with KRI and KRA Relays Normal
→ A370.225	CANCEL	- SEE	216-615-301				Failure of Subscriber Sender Link Controller to Start of Time Out
→ A370.226	CANCEL	- SEE	216-617-301				False Operation of Subscriber Sender Link C Relay
→ A370.227	CANCEL	- SEE	216-619-301				Failure of a Subscriber Sender Link G Relay to Close the OG Lead
→ A370.240	CANCEL	- SEE	216-635-301				Office Frame ST Lead Crossed with Battery
→ A370.241	CANCEL	- SEE	216-637-301				Crossed Contacts of Office Link Frame SS Relay
→ A370.242	CANCEL	- SEE	216-639-301				Failure of Office Link and Connector MP Relay
→ A370.251	CANCEL	- SEE	216-607-301				Falsely Grounded District Junctor DC Lead
→ A370.256	CANCEL	- SEE	216-605-301				Line Link Double Connections on Originating Calls - No Alarm Indications
→ A370.257	CANCEL	- SEE	216-603-301				Crosses or False Grounds on Subscriber Line Link Frame - LR Relay
→ A370.311	CANCEL	- SEE	216-647-301				Failure of Terminating Marker Short Time Out

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A370.200)								
A370.300)		GENERAL TROUBLES - ANALYZING, LOCATING AND CLEARING (CONTINUED)						
→	A370.312	CANCEL	- SEE	216-649-301				Terminating Marker Continuity Failure - Operating Path of Incoming Link and Connector RS Relay and Terminating Marker MKO Relay
→	A370.313	CANCEL	- SEE	216-651-301				Terminating Marker FCG Trouble in Common Equipment
→	A370.314	CANCEL	- SEE	216-653-301				Terminating Marker Receiving Lead Permanently Closed - Terminating Marker Connector
→	A370.315	CANCEL	- SEE	216-655-301				Falsely Grounded Terminating Marker Connector
→	A370.321	CANCEL	- SEE	216-641-301				Falsely Grounded Terminating Sender FC Lead
→	A370.323	CANCEL	- SEE	216-643-301				Terminating Sender Link Alarms Due to False Ground on the SM Lead
→	A370.324	CANCEL	- SEE	216-644-301				Falsely Grounded Terminating Sender Link FC Lead
→	A370.326	CANCEL	- SEE	216-645-301				Falsely Grounded Terminating Sender D Lead
→	A370.331	CANCEL	- SEE	216-659-301				Falsely Grounded Incoming Trunk FC Lead
→	A370.332	CANCEL	- SEE	216-669-301				False PBX Trunk Busy Condition
→	A370.333	CANCEL	- SEE	216-661-301				Falsely Grounded Incoming Link Primary Hold Magnet Operating Lead in Common Equipment of an Incoming Link Frame
→	A370.351	CANCEL	- SEE	216-667-301				Falsely Grounded Number Group RF or TF Terminal
→	A370.352	CANCEL	- SEE	216-667-302				Crossed Number Group RF or TF Terminal
→	A370.353	CANCEL	- SEE	216-667-303				Falsely Grounded Number Group Connector JF Lead
→	A370.354	CANCEL	- SEE	216-667-304				Falsely Operated Number Group Connector MCB or MCC Relay

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A370.200) A370.300)	GENERAL TROUBLES - ANALYZING, LOCATING AND CLEARING (CONTINUED)						
→ A370.355	CANCEL	- SEE	216-667-305				Failure of Number Group Connector HB Relay
→ A370.356	CANCEL	- SEE	216-677-306				Falsely Operated Number Group Connector TB Relay
→ A370.357	CANCEL	- SEE	216-667-307				Falsely Grounded Number Group Connector C Lead
→ A370.358	CANCEL	- SEE	216-667-308				Crossed Number Group Connector Common NS Lead and Individual NC Lead
→ A370.359	CANCEL	- SEE	216-667-309				Crossed or Falsely Grounded Number Group Connector NS Leads
→ A370.360	CANCEL	- SEE	216-667-310				Crossed Number Group Connector NF Leads
→ A370.366	CANCEL	- SEE	216-673-301				Crossed or Falsely Grounded Line Choice Connector TK Lead
→ A370.371	CANCEL	- SEE	216-657-301				Audible Ringing without Ringing Subscriber No Incoming Link Cross Point Trouble
→ Add. A370.372							False Routing of Calls to Intercept
→ A370.372	CANCEL	- SEE	216-671-301				
→ A370.373	CANCEL	- SEE	216-107-301				Subscriber Cable Failure
→ A370.382	CANCEL	- SEE	216-634-901	PN			Open B Leg of Channel
→ A370.383	CANCEL	- SEE	216-634-902	PN			Open Battery Supply to Originating-Marker CH Relays
A370.500) A370.600) A370.700) A370.800)	DISTRIBUTING FRAMES AND CROSS CONNECTIONS						
→ A370.501	CANCEL	- SEE	216-719-301				Block Relay Frame and Line Distributing Frame - Cross Connections - No. 1 Crossbar Offices
→ A370.503	CANCEL	- SEE	216-701-301				Wire Types - #1 Crossbar Offices
→ Add. A370.511							Subscriber Line, Line Link and Controller and Subscriber Sender Link and Controller Cross Connection
→ A370.511	CANCEL	- SEE	216-703-301				
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A 370. 500)							
A 370. 600)							
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A 370. 800)							
DISTRIBUTING FRAMES AND CROSS CONNECTIONS (CONTINUED)							
A370.551							Key Pulsing Sender Link Controller - Coin Supervisory Link Controller
CANCEL - SEE 216-707-301							
Add. A370.671							Originating Marker Cross Connections
A370.671							
CANCEL - SEE 216-711-301							
Supp. Add. A370.671				CANCELLED			
A370.711							Terminating Sender Link and Control- ler - SD-25028-01 and SD-25459-01
CANCEL - SEE 216-715-301							
A370.721							Terminating Marker Cross Connections
CANCEL - SEE 216-717-301							
Add. A370.821							Incoming Trunk Test and Connector Frames - SD-25161-01 - Cross
A370.821							Connectors
CANCEL - SEE 216-720-801							
A370.831							Originating Sender Test Frame
CANCEL - SEE 216-709-301							
A370.871							Subscriber Line Overflow Register - Cross-Connection Type
CANCEL - SEE 216-705-301							
Add. A370.886							Translator Frame Cross Connections
A370.886							
CANCEL - SEE 216-713-301							
A371.000 METHODS OF HANDLING TROUBLE REPORTS AND SIGNALS							
A371.003							Method of Handling Complaints and Requests Involving Charge Irregu- larities Offices Arranged for AMA
CANCEL - SEE 216-800-301							
A371.050							Method of Handling Permanent Sig- nals on Permanent Signal Holding Trunks
CANCEL - SEE 216-572-301							
A371.051							- <u>Not</u> Arranged for AMA
CANCEL - SEE 216-572-302							
A371.053							Method of Handling Originating Sender Supervisory Signals
CANCEL - SEE 216-570-301							
A371.055							Coin-Supervisory Signals
				CANCELLED			
A371.072							Method of Handling Coin Supervisory Signals - Served by a Central DSA Board in Another Building
CANCEL - SEE 216-575-301							
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A371.000 METHODS OF HANDLING TROUBLE REPORTS AND SIGNALS							
→ A371.099				CANCELLED			Subscriber-Line Reports Indicating Central-Office Troubles and Terminating-Trouble-Indicator Displays
A371.100)							
A371.200)							
A371.300) METHODS OF HANDLING ALARMS AND OTHER SIGNALS							
A371.400)							
A371.111				CANCEL - SEE 216-510-301			Subscriber Line Link Frame
DISTRICT AND OFFICE							
A371.161				CANCEL - SEE 220-128-301 SEE 216-511-301 FOR	A7 A6		District Link, Trunk Link and Office Link Frames - No. 1 Crossbar and Crossbar Tandem Offices
A371.171				CANCEL - SEE 216-513-301			Coin Control Circuit - Time Alarm Routine
A371.172				CANCEL - SEE 216-520-301			Key Pulsing "A" Sender Link and Control Frame - Coin Control Link and Control Frame
A371.191				CANCEL - SEE 220-420-301 SEE 216-512-301 FOR	A7 A6		Interrupter Checking Circuit - District Junctors and Tandem Trunks - No. 1 Crossbar and Crossbar Tandem Offices
A371.192				CANCEL - SEE 216-528-301			Permanent Signal Overflow - Offices Arranged for AMA
A371.193				CANCEL - SEE 216-530-301			Permanent Signal Overflow
INCOMING							
A371.251				CANCEL - SEE 216-532-301			Incoming Trunk Frame
A371.271				CANCEL - SEE 216-534-301			Incoming Link and Connector Frame - Line Choice Connector Frame - Number Group Connector Frame
ORIGINATING SENDERS. MARKS. ETC.							
A371.306				CANCEL - SEE 216-514-301			Subscriber Sender Load
Add. A371.311					CANCELLED		Subscriber Sender Link Frame
A371.311				CANCEL - SEE 216-516-301			
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ORIGINATING SENDERS, MARKS, ETC. (CONTINUED)							
→ A371.321 CANCEL - SEE 216-522-301							Originating Marker
→ A371.331 CANCEL - SEE 216-524-301							Originating Marker Connector - Time Alarm Routine
→ A371.341 CANCEL - SEE 216-526-301							Originating Trouble Indicator
→ A371.346 CANCEL - SEE 216-518-301							Subscriber Sender Link and Controller Trouble Indicator Routine for Handling Alarms and Displays
TERMINATING SENDERS, MARKERS, ETC.							
→ A371.351 CANCEL - SEE 216-536-301							Terminating Sender Time Alarm Routine
→ A371.361 CANCEL - SEE 216-538-301							Terminating Sender Link Frame
→ A371.371 CANCEL - SEE 216-540-301							Terminating Marker
→ A371.381 CANCEL - SEE 216-542-301							Terminating Marker Connector
→ A371.391 CANCEL - SEE 216-544-301							Terminating Trouble Indicator
AUTOMATIC MESSAGE ACCOUNTING							
→ A371.401 CANCEL - SEE 216-546-301							Transverter
→ A371.403 CANCEL - SEE 216-548-301							Transverter Connector
→ A371.405 CANCEL - SEE 216-550-301							Transverter Trouble Indicator
→ A371.409 CANCEL - SEE 216-552-301							Recorder and Recorder Connector
→ A371.411 CANCEL - SEE 216-554-301							Translator
MISCELLANEOUS							
→ A371.476				A7			Motor Stop Alarm Routine No. 1 Crossbar and Crossbar Tandem Offices
→ SEE 216-509-301 FOR				A6			
→ A371.480	3	3	3	A7			Fuse Alarm Routine No. 1 Crossbar and Crossbar Tandem Offices
→ SEE 216-508-301 FOR				A6			
A371.500) A371.600) A371.700) METHODS OF TAKING EQUIPMENT OUT OF SERVICE A371.800)							
→ A371.501 CANCEL - SEE 216-401-301							Major Units of Equipment
→ A371.511 CANCEL - SEE 216-403-301							Subscriber Line Link Frame
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DISTRICT							
→ A371.551 CANCEL - SEE 216-405-301							District Junctor Frame
→ A371.561 CANCEL - SEE 216-407-301							District Link Frame
→ A371.571 CANCEL - SEE 216-409-301							District Coin Control Circuit - Key Pulsing "A" Sender Circuit - Coin Control Link and Control Frame - Key Pulsing "A" Sender Link and Control Frame
→ A371.582 CANCEL - SEE 216-411-301							Zone Registration and Control Circuit - SD-25320-01
OFFICE							
→ A371.611	2	2	2	A7	NS		Office Link Frame
→ SEE 216-410-301 FOR				A6			
INCOMING							
→ A371.651 CANCEL - SEE 216-425-301							Incoming Trunk Frame
→ A371.661 CANCEL - SEE 216-427-301							Incoming Link Frame
→ A371.672 CANCEL - SEE 216-429-301							Line Choice Connector Circuit per SD-25275-01
→ A371.681 CANCEL - SEE 216-413-301							Number Group Connector Circuit
ORIGINATING SENDERS, MARKERS, ETC.							
→ A371.701 CANCEL - SEE 216-417-301							Subscriber Sender Link and Control Circuits
→ A371.731 CANCEL - SEE 216-419-301							Originating Marker Connector Frame
→ A371.741 CANCEL - SEE 216-415-301							Subscriber and Key Pulsing Senders
TERMINATING SENDERS, MARKERS, ETC.							
→ A371.751 CANCEL - SEE 216-421-301							Terminating Sender Link and Controller Circuit - Terminating, "B", Dial Pulsing and A-C Key Pulsing Senders
→ A371.771 CANCEL - SEE 216-423-301							Terminating Marker and Terminating Marker Connector Frames
"A" AND "B" SWITCHBOARDS							
→ A371.805 CANCEL - SEE 216-431-301							Number Checking Equipment
Printed in U.S.A.							

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	0	CODE	
AUTOMATIC MESSAGE ACCOUNTING							
A371.821	CANCEL	- SEE	216-437-301				Transverters
A371.823	CANCEL	- SEE	216-439-301				Transverter Connectors
A371.831	CANCEL	- SEE	216-443-301				Recorder and Recorder Connector Circuits
A371.837	CANCEL	- SEE	216-435-301				Translators
A371.841	CANCEL	- SEE	216-441-301				Call Identity Indexers
MISCELLANEOUS							
A371.881	CANCEL	- SEE	216-433-301				Interrupter Frame
A371.888	CANCEL	- SEE	216-412-301				Alarm Sending and Transfer Circuits
A372. 500 RECORDS AND REPORTS							
A372.502	CANCEL	- SEE	200-100-900	PN			Trouble Tickets
A372.511	CANCEL	- SEE	200-100-900	PN			Classifying and Recording Trouble Data
A372.561	CANCEL	- SEE	216-102-301				Trouble Indicator Records
				Printed in U.S.A.			

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A300 - OPERATING METHODS
SUB - DIVISION A374 THROUGH A375

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A374.) A375.)							NO. 5 CROSSBAR OFFICES
A374.000 INTERDEPARTMENTAL ROUTINES							
→ Add. A374.031							Line Verification - Using Master Test Frame
→ A374.031 CANCEL - SEE 218-102-501							
→ A374.033 CANCEL - SEE 218-400-501							Line Verification - Using Office Test Frame
→ A374.034 CANCEL - SEE 218-102-502							- Using Line Verification Circuit
→ Add. A374.035							Method of Testing Line Message Registers
→ A374.035 CANCEL - SEE 218-746-501							Using Incoming Trunk for Message Register Test
→ A374.037 CANCEL - SEE 218-750-501							Message Timing Circuits - Test Using Incoming Trunk for Message Register Test
A374.100 EMERGENCY ROUTINES AND METHOD OF HANDLING EMERGENCY EQUIPMENT							
→ A374.102 CANCEL - SEE 218-100-301							Subscriber Cable Failure
→ A374.112 CANCEL - SEE 218-710-301							Line Load Control
A374.500 DISTRIBUTING FRAMES AND CROSS CONNECTIONS							
→ A374.501 CANCEL - SEE 218-112-301							Line Link Frame - Nonwire Spring - Relay Type
→ A374.503 CANCEL - SEE 218-013-301							Wire Types - No. 5 Crossbar Frames
→ Add. A374.506							Trunk Link and Connector Frame Non-
→ A374.506 CANCEL - SEE 218-115-301							wire Spring-Relay Type - Cross Con-
							nections
A374.511 CANCEL - SEE ASSOCIATED SD DRAWINGS							Marker Cross Connections - Nonwire Spring-Relay Type
A374.515 CANCEL - SEE ASSOCIATED SD DRAWINGS							Tandem Revertive Pulse - Incoming Registers
Add. A374.516 CANCEL - SEE ASSOCIATED SD DRAWINGS							Dial Pulse and Multifrequency - In-
A374.516							coming Register
→ Add. A374.517							Dial Pulse Originating Register
→ A374.517 CANCEL - SEE 218-716-301							
→ A374.518 CANCEL - SEE 218-721-301							Pretranslator and Pretranslator Con-
							nectors
Printed in U.S.A.							Page 1

COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FNB	W-I	CODE	0	CODE	
A374. 500 DISTRIBUTING FRAMES AND CROSS CONNECTIONS (CONTINUED)							
→ Add. A374.521							Number Group Frame - Nonwire
→ A374.521 CANCEL - SEE	218-165	301					Spring-Relay Type - Cross Con- nections and Associated Cross Connections at the Main Distribut- ing Frame
→ A374.541 CANCEL - SEE	218-147	301					Incoming Register Link - Nonwire Spring-Relay Type
→ A374.546 CANCEL - SEE	218-203	301					Coin Supervisory Link Frame
→ A374.566 CANCEL - SEE	218-724	502					Foreign Area Translators Verification of Code Cross Connections
→ Add. A374.571							Translator Frame Cross Connections
→ A374.571 CANCEL - SEE	218-726	301					
A374. 600 METHODS OF HANDLING TROUBLE REPORTS AND SIGNALS							
→ A374.603 CANCEL - SEE	218-702	301					Method of Handling Complaints and Requests Involving Charge Irregu- larities Offices Arranged for AMA
A374.631 CANCEL - SEE APPROPRIATE	CD'S						Master Test Frame Automatic Moni- tor, Register and Sender Test Circuit - Alarm Routine
A374.636 CANCEL - SEE APPROPRIATE	CD'S						Trouble Recorder Alarm Routine
→ A374.651 CANCEL - SEE	218-101	301					Method of Handling Permanent Signals on Permanent Signal Holding Trunks
→ A374.671 CANCEL - SEE	218-135	301					Analysis of Automatic Monitor Trouble Recorder Cards Associated with Originating Registers
A374. 700)							
A374. 800) METHODS OF HANDLING ALARMS AND OTHER SIGNALS							
A374. 900)							
A374.721 CANCEL - SEE APPROPRIATE	CD'S						Line Link and Connector Frame
A374.731 CANCEL - SEE APPROPRIATE	CD'S						Trunk Link and Connector Circuit
MARKERS, DECODERS, REGISTERS, ETC.							
→ A374.751 CANCEL - SEE	218-122	301					Marker
A374.756 CANCEL - SEE APPROPRIATE	CD'S						Marker Connector
Printed in U.S.A.							

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
MARKERS, DECODERS, REGISTERS, ETC. (CONTINUED)							
A374.771	CANCEL	- SEE APPROPRIATE	CD'S				Dial Pulse Originating Register
A374.776	CANCEL	- SEE APPROPRIATE	CD'S				Dial Pulse Incoming Register
A374.777	CANCEL	- SEE APPROPRIATE	CD'S				Revertive Pulse Incoming Register
A374.778	CANCEL	- SEE APPROPRIATE	CD'S				Central B Revertive Pulse Incoming Register
A374.781	CANCEL	- SEE APPROPRIATE	CD'S				Multifrequency Incoming Register
A374.786	CANCEL	- SEE APPROPRIATE	CD'S				Pretranslator
A374.787	CANCEL	- SEE APPROPRIATE	CD'S				Pretranslator Connectors
SENDERS, NUMBER GROUPS, ETC.							
A374.801	CANCEL	- SEE APPROPRIATE	CD'S				Outgoing Dial Pulse Sender
A374.802	CANCEL	- SEE APPROPRIATE	CD'S				PCI Outgoing Sender
A374.803	CANCEL	- SEE APPROPRIATE	CD'S				Revertive Pulse Outgoing Sender
A374.804	CANCEL	- SEE APPROPRIATE	CD'S				Intermarker Group Sender
A374.806	CANCEL	- SEE APPROPRIATE	CD'S				Multifrequency Outgoing Sender
A374.816	CANCEL	- SEE APPROPRIATE	CD'S				Outgoing Sender Connector Frame
→ A374.831	CANCEL	- SEE 218-165-302					Number Group and Connector Frame
AUTOMATIC MESSAGE ACCOUNTING							
→ A374.901	CANCEL	- SEE 218-736-301					Transverter
→ A374.906	CANCEL	- SEE 218-739-301					Transverter Connector
→ A374.911	CANCEL	- SEE 218-735-301					Recorder and Recorder Connector
A374.926	CANCEL	- SEE APPROPRIATE	CD'S				Translator
MISCELLANEOUS AND TESTING EQUIPMENT							
→ A374.962	CANCEL	- SEE 218-742-301					Coin Supervisory Release Circuit
→ Add. A374.964							Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit
→ A374.964	CANCEL	- SEE 218-742-303					
→ A374.968	CANCEL	- SEE 218-237-301					60 and 120 IPM Interrupter Circuits
				Printed in U.S.A.			

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SECTION NO.		ISSUE - CODE					SUBJECT
		ATT	PTB	W-I	CODE	0	CODE
MISCELLANEOUS AND TESTING EQUIPMENT (CONTINUED)							
	A374.969	CANCEL	- SEE	APPROPRIATE	CD'S		- Ringing Machine Operated
→	A374.970	CANCEL	- SEE	218-219-301			Time of Day
	A374.971	CANCEL	- SEE	APPROPRIATE	CD'S		Message Register Power Supply and Associated No Voltage Alarm Circuit
→	A374.973	CANCEL	- SEE	218-765-301			No-Such-Number Tone Signal Circuits
	A374.975	CANCEL	- SEE	APPROPRIATE	CD'S		Permanent Signal Alarm Circuit
A375.100)							
A375.200)							
A375.300) METHODS OF TAKING EQUIPMENT OUT OF SERVICE							
A375.400)							
LINE, LINE LINK, TRUNK LINK, ETC.							
	A375.121	CANCEL	- SEE	APPROPRIATE	CD'S		Line Link and Line Link Connector Frames
	A375.131	CANCEL	- SEE	APPROPRIATE	CD'S		Trunk Link and Trunk Link Connector Frame - Nonwire Spring-Relay Type
MARKERS, DECODERS, REGISTERS, ETC.							
	A375.156	CANCEL	- SEE	APPROPRIATE	CD'S		Marker Connectors
	A375.171	CANCEL	- SEE	APPROPRIATE	CD'S		Dial Pulse Originating Registers
	A375.176	CANCEL	- SEE	APPROPRIATE	CD'S		Dial Pulse Incoming Register
	A375.177	CANCEL	- SEE	APPROPRIATE	CD'S		Revertive Pulse Incoming Register
	A375.178	CANCEL	- SEE	APPROPRIATE	CD'S		Central B Revertive Pulse Incoming Register
	A375.181	CANCEL	- SEE	APPROPRIATE	CD'S		Multifrequency Incoming Register
	A375.186	CANCEL	- SEE	APPROPRIATE	CD'S		Pretranslator
	A375.187	CANCEL	- SEE	APPROPRIATE	CD'S		Pretranslator Connectors
SENDERS, NUMBER GROUPS, ETC.							
	A375.201	CANCEL	- SEE	APPROPRIATE	CD'S		Outgoing Dial Pulse Sender
	A375.202	CANCEL	- SEE	APPROPRIATE	CD'S		PCI Outgoing Sender

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
SENDERS, NUMBER GROUPS, ETC. (CONT NUED)							
A375.203	CANCEL - SEE	APPROPRIATE	CD'S				Revertive Pulse Outgoing Senders
A375.204	CANCEL - SEE	APPROPRIATE	CD'S				Intermarker Group Senders
A375.206	CANCEL - SEE	APPROPRIATE	CD'S				Multifrequency Outgoing Sender
→ A375.211	CANCEL - SEE	218-733-301					Outgoing Sender Link Circuits
A375.216	CANCEL - SEE	APPROPRIATE	CD'S				Outgoing Sender Connector
→ A375.231	CANCEL - SEE	218-165-303					Number Group and Connector Circuit
TRUNKS							
→ A375.301	CANCEL - SEE	218-790-301					Intraoffice Trunk Circuits
→ A375.311	CANCEL - SEE	218-797-301					Reverting Call Trunks
→ A375.321	CANCEL - SEE	218-787-301					Outgoing Trunks
→ A375.326	CANCEL - SEE	218-782-301					Recording Completing, Special Service, Vacant Code Intercepting and As-sociated Auxiliary Trunk Circuits
→ A375.331	CANCEL - SEE	218-785-301					Verification Request, Intercepting and Information Service Trunks from Line Link Frame
→ A375.332	CANCEL - SEE	218-709-301					Emergency Line Circuit
A375.333	CANCEL - SEE	APPROPRIATE	CD'S				Emergency Transfer Circuits
→ A375.343	CANCEL - SEE	218-789-301					Outgoing Intertoll Trunks
→ A375.345	CANCEL - SEE	218-795-301					Outgoing Toll Switching Trunks
→ A375.346	CANCEL - SEE	218-783-301					Two Way Trunks to Community Dial Offices
→ A375.348	CANCEL - SEE	218-780-301					Outgoing Announcement Trunks
→ A375.351	CANCEL - SEE	218-786-301					Incoming Trunk Circuits
→ A375.352	CANCEL - SEE	218-793-301					Incoming Toll Switching and Operator Completing Trunk Circuits
→ A375.353	CANCEL - SEE	218-796-301					Incoming Pulse Conversion Toll Switching Trunk Circuits
→ A375.356	CANCEL - SEE	218-792-301					Miscellaneous Incoming Trunks from Local Test Desk, Toll or DSA Switch-board
				Printed in U.S.A.			
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COMPANY or AREA

ISSUE - CODE

SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
TRUNKS (CONTINUED)							
→ A375.358 CANCEL - SEE	218	788	301				Incoming Intertoll Trunks
→ A375.371 CANCEL - SEE	218	781	301				Information, Repair Service, Common Overflow, Tone and Associated Auxiliary Trunks
→ A375.373 CANCEL - SEE	218	784	301				Free Trunks
→ A375.376 CANCEL - SEE	218	286	301				Permanent Signal Holding Trunk, Concentrating, Timing, and As- sociated Auxiliary Trunk Circuits
→ A375.381 CANCEL - SEE	218	794	301				Stuck Coin Trunk
→ A375.386 CANCEL - SEE	218	791	301				No-Such-Number Signal Tone Trunk
AUTOMATIC MESSAGE ACCOUNTING							
→ A375.401 CANCEL - SEE	218	736	302				Transverters
→ A375.406 CANCEL - SEE	218	739	302				Transverter Connectors
→ A375.411 CANCEL - SEE	218	735	302				Recorder and Recorder Connector Circuits
A375.421 CANCEL - SEE APPROPRIATE			CD'S				Trunk Identifier
A375.426 CANCEL - SEE APPROPRIATE			CD'S				Translator
MISCELLANEOUS AND TESTING EQUIPMENT							
→ A375.461 CANCEL - SEE	218	742	304				Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit
→ A375.462 CANCEL - SEE	218	742	302				Coin Supervisory Release Circuit
→ A375.463 CANCEL - SEE	218	147	302				Incoming Register Link Frames
→ A375.465 CANCEL - SEE	218	203	302				Coin Supervisory Link Frames
→ A375.466 CANCEL - SEE	218	729	301				Ringin Selection Switch Circuit
→ A375.468 CANCEL - SEE	218	237	301				60 and 120 IPM Interrupter Circuits
→ A375.470 CANCEL - SEE	218	219	302				Time of Day Circuit
A375.471 CANCEL - SEE APPROPRIATE			CD'S				Message Register Power Supply and Associated No Voltage Alarm Circuit

COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PTB	W-I	CODE	0	CODE	
MISCELLANEOUS AND TESTING EQUIPMENT (CONTINUED)							
A375.472	CANCEL - SEE	218-765	302				No-Such-Number Tone Signal Circuit SD-25831-01
A375.473	CANCEL - SEE	218-766	301				- SD-25791-01
A375.475	CANCEL - SEE	APPROPRIATE	CD'S				Permanent Signal Alarm Circuit
A375.478	CANCEL - SEE	218-756	301				Alarm Sending and Transfer Circuits
A375.600 OPERATION OF CIRCUITS AND EQUIPMENT UNITS							
A375.601	CANCEL - SEE	218-217	301				Monitor Amplifiers of the Automatic Monitor, Register and Sender Test Circuit
A375.800 RECORDS AND REPORTS							
→ A375.802	CANCEL - SEE	200-100	900	PN			Trouble Ticket
→ A375.811	CANCEL - SEE	200-100	900	PN			Classifying and Recording Trouble Data
A375.841	CANCEL - SEE	218-220	301				Compiling Data for Control Tapes - Automatic Progression Trunk Test Frame
A375.851	CANCEL - SEE	218-012	301				Cross Connection and Record Forms
Printed in U.S.A.							Page 7 7 Pages



PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A300 - OPERATING METHODS
SUB - DIVISION A378 THROUGH A 399

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A378. CROSSBAR TANDEM OFFICES							
→ A378.035 CANCEL - SEE 220-405-501							PBX DOD Trunk Circuit - Message Register Test - Crossbar Tandem Offices
A378.200 GENERAL TROUBLES - ANALYZING, LOCATING AND CLEARING CONDITIONS							
A378.200				CANCELLED			Analyzing, Locating, and Clearing Trouble Conditions
→ A378.202 CANCEL - SEE 220-517-301							Position Link and Controller Circuit AMA System
A378.300 DISTRIBUTING FRAMES AND CROSS CONNECTIONS							
→ A378.303 CANCEL - SEE 220-015-301							Wire Types - Crossbar Tandem Offices
→ A378.311 CANCEL - SEE 220-177-301							Remote Control Zone Registration
A378.341				CANCELLED			Sender Link and Controller
→ A378.342 CANCEL - SEE 220-532-301							Verification of AMA Trunk Decade Cross Connections on Sender Link and Trunk Test Frames - Using Trunk Automatic Test Circuit - SD-25960-01
→ Add. A378.361							Tandem Marker
→ A378.361 CANCEL - SEE 220-121-301							
A378.500 METHODS OF HANDLING ALARMS AND OTHER SIGNALS SENDERS, MARKERS, ETC.							
A378.541				CANCELLED			Sender Link Frame
A378.551				CANCELLED			Marker
A378.561				CANCELLED			Marker Trouble Indicator Alarm Routine
A378.571				CANCELLED			Transverter Trouble Indicator Offices Arranged for AMA
A378.592		1 NS					Central Office AMA Equipment Precautions to Limit Stoppages in No. 1 Accounting Centers - No. 1 and No. 5 Crossbar and Crossbar Tandem Offices
A378.600 METHODS OF TAKING EQUIPMENT OUT OF SERVICE INCOMING TRUNK AND OFFICE							
→ A378.601 CANCEL - SEE 220-132-301							Tandem Trunk Frame
A378.611				CANCELLED			Trunk Link Frame
				Printed in U.S.A.			

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	O	CODE	SUBJECT
SENDERS, MARKERS, ETC.							
A378.641				CANCELLED			Sender Link Frame - Sender Frame
A378.651				CANCELLED			Marker and Marker Connector Frames
→ A378.681 CANCEL - SEE 220-179-301							Interrupter Frame
A378.700 TESTING EQUIPMENT							
→ Add. A378.701							Incoming Trunk Test and Connector
→ A378.701 CANCEL - SEE 220-461-301							Frames SD-25161-01 - Cross Con- nections
A378.800 RECORDS AND REPORTS							
→ Add. A378.801							Classifying and Recording Trouble
→ A378.801 CANCEL - SEE 220-010-301							Data
→ A378.802 CANCEL - SEE 220-011-301							Trouble Indicator
→ A378.803 CANCEL - SEE 220-012-301							Trouble Tickets
→ A378.804 CANCEL - SEE 220-013-301							Miscellaneous Cross Connection and Record Frame
A380. TELETYPEWRITER EQUIPMENT							
A380.540 METHODS OF HANDLING TROUBLE REPORTS AND SIGNALS							
A380.542	2			CANCELLED			Alarms - Line Concentrating Unit No. 101A
A380.543	1			CANCELLED			- Line Concentrating Unit No. 102A
A380.560 METHODS OF TAKING EQUIPMENT OUT OF SERVICE							
A380.562	2			CANCELLED			Line Concentrating Unit No. 101A
A380.563	1			CANCELLED			Line Concentrating Unit No. 102A
A390. NO. 1 ACCOUNTING CENTER							
A390.100 GENERAL TROUBLES - ANALYZING, LOCATING AND CLEARING							
A390.700 METHOD OF HANDLING ACCOUNTING MACHINES INCLUDING ASSOCIATED READERS AND PERFORATORS							
Add. A390.701	1	1	1	A9	NS		No. 1 Accounting Center - Automatic
A390.701	1	1	1		NS		Message Accounting System
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COMPANY or AREA					
ISSUE - CODE					
SECTION NO.	ATT	PNB	W-I	CODE	CODE
A399. MISCELLANEOUS (CONTINUED)					
A399.041		A		CANCELLED	NS
A399.071 LL		B	B	A3	
A399.072 LL		NS			
A399.096		A	A	A10	
A399.207		A	A	A10	
A399.290		A	A	A10	
A399.292		A	A	A10	
Add. A399.300.1 PN		A	A	A10	
A399.300.1 PN		A	A	A10	
Add. A399.300.2 PN		A	A	A10	
A399.300.2 PN		A	A	A10	
App. 1 A399.300.2 PN		A	A	A10	
A399.300.3 PN		A	A	A10	
App. 1 A399.300.3 PN		A	A	A10	
Add. A399.300.4 PN		A	NS		
A399.300.4 PN		A	A	A10	
Add. A399.301 PN		A	A	A10	
A399.301 PN		A	A	A10	
App. 1 A399.301 PN					
App. 2 A399.301 PN					
Add.App. 3 A399.301 PN		A	NS		
App. 3 A399.301 PN		B	B	A10	
A399.401 PN CANCEL - SEE 201-307-901 PN					
A399.404 PN		A	A	A10	
Add. A399.405.1 PN		A	A	A11	
A399.405.1 PN					
				Printed in U.S.A.	

SUBJECT
One-Way Distribution Networks for Music or Announcement Lineups and Maintenance
Carrier Telegraph and Other Types of Data Reduction of Hits
No. 4A and 4M Switching Systems - Mechanized Reorder Trap Operations and Analysis
Verification of AMA Registrations
Use of Form SN-75 for Recording Status of Replacement Parts - Toll Central Offices
Engine-Alternator Sets Trailer Mounted - 10 KW
Kohler Trailer Mounted 5 and 15 KW Gasoline Engine Emergency AC - Power Supply Generator Set
Exchange Trunk Transmission Quality Control Program - General Considerations
- Transmission Objectives
- Expected Measured Loss
- Evaluating Transmission Performance
- Analyzing Trunk Loss Variations
- Administering the Quality Control Program
Transmission Maintenance of Exchange Trunks
- Overall Transmission Objectives
- Measurements Required for New & Reassigned Trunks
- Recording & Reporting - Form F 7007
Customer Miscellaneous Equipment Service Civil Air Raid Warning System Bell and Light Signal - Public Alarm Signal Control
Work Coordination - Cable Pair Identification - Cable Line & Transfer Work
Analysis of Plant Repair Service - Automatic Selective Recorder Operation

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A399. MISCELLANEOUS (CONTINUED)							
Add. A399.405.2		B	B	All	NS		Automatic Selective Recorder Maintenance Plant Repair Service
A399.405.2		A	A		NS		
Add. A399.501		A	A	A10	NS		Plant Test Codes, Test Number, and Call Lines - All Offices
A399.501		A	A	A10	NS		
→ A399.902.1 CANCEL - SEE	159	198	900	PN			Emergency Engine Generator Sets - Location of Stationary Sets - Location and Assignment of Port- able Sets
→ A399.902.2 CANCEL - SEE	159	198	901	PN			Emergency Engine Generator Sets - Portable Sets - Locations, Spec- ifications, and Identifications Tag Nos.
→ A399.902.3 CANCEL - SEE	159	198	902	PN			Emergency Engine Generator Sets - Portable Sets - Locations and As- signment of First Choice Sets
→ A399.902.4 CANCEL - SEE	159	198	904	PN			Emergency Engine Generator Sets - Stationary Sets - Location, Type Specifications, Type Fuel and Tank Capacities
→ A399.902.5 CANCEL - SEE	159	198	903	PN			Emergency Engine Generator Sets - Portable Sets - Location by Types
→ A399.903 CANCEL - SEE	157	000	900	PN			Exchange Load Readings Form P-527- For Use in Recording Storage Bat- tery Discharge Loads
A399.951		A	A	A10	NS		Barker & Williamson - Distortion Meter Model 400
App. 1 A399.951							
A399.998		A	NS		A		Program Transmission Orders and Re- ports of Trouble - Also Conelrad Network Troubles
→ A399.999				CANCELLED			Tracing Calls for the Portland Fire Department - Belmont Offices

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SECTION NO.		ISSUE - CODE					SUBJECT
		ATT	PUB	W-I	CODE	0	CODE
A400. GENERAL							
A400.001	CANCEL - SEE	020	010	711			General Requirements and Definitions
A400.002		4	4	4	A10	4	A1,4,5,E12 Cross Reference List - X-Specifications and Bell System Practices
A401. POWER EQUIPMENT							
A401.000 BATTERIES							
Add. A401.001.01	CANCEL - SEE	157	601	701			Storage Batteries - Lead-Acid Type
A401.001.01							- Post Corrosion
A401.001.02	CANCEL - SEE	157	601	702			Counter Cells - Alkaline
Add. A401.004	CANCEL - SEE	157	321	701			Storage Batteries - Open-Tank, Lead -Acid Types
A401.004							
A401.005	CANCEL - SEE	157	620	701			
A401.100 MOTORS AND GENERATORS							
A401.101	CANCEL - SEE	155	512	701			Charging Generators - Commercial Type
Add. A401.102	CANCEL - SEE	155	505	701			Generators - Type "M"
A401.102							
Add. A401.105	CANCEL - SEE	155	405	701			- Ringing and Coin Control F Type
A401.105							
A401.106	CANCEL - SEE	155	410	701			- Ringing and Coin Control Com- mercial Type
Add. A401.107	CANCEL - SEE	155	612	701			Charging Sets - Diverter Pole Type
A401.107							
Add. A401.108	CANCEL - SEE	163	720	701			KS-15532 Ringing Machines
A401.108							
A401.109	CANCEL - SEE	155	108	701			AC-DC Motor-Alternators KS-5654 and KS-5654-01
Add. A401.110	CANCEL - SEE	155	105	701			Alternators - Commercial Type
A401.110							
A401.111	CANCEL - SEE	161	208	701			Vibrator-Type Power Inverters - KS- 5590, KS-15574, KS-15597, KS-15662 and KS-15679

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A401.100 MOTORS AND GENERATORS (CONTINUED)							
A401.112	CANCEL - SEE	163-703	701				Motor Driven Magneto - KS-5493
Add. A401.113	CANCEL - SEE	155-415	701				Static-Ringing Generators
A401.113							
Add. A401.114	CANCEL - SEE	163-700	701				Ringing Sets - KS-5032, KS-5492, KS-5504
A401.114							
A401.115	CANCEL - SEE	163-704	701				Ringing Machines - Small Capacity - KS-5510, KS-5546 and KS-5659
Add. A401.116	CANCEL - SEE	155-605	701				Motor Generator Set - 135-Cycle Signaling, 10.5 and 40 Watt
A401.116							
Add. A401.119	CANCEL - SEE	155-650	701				Multifrequency Motor - Generator Sets
A401.119							
(X-72029-01)							
A401.120	CANCEL - SEE	155-608	701				Motor Generator Sets - 100-Cycle Signaling
Add. A401.121	CANCEL - SEE	163-702	701				Ringing Machines - KS-5430
A401.121							
Add. A401.122	CANCEL - SEE	163-701	701				1/2 Ampere Ringing Machines - Holtzer - Cabot Type
A401.122							
→ Add. A401.124	CANCEL - SEE	155-307	701				Tone Alternator
A401.124							
A401.125	CANCEL - SEE	159-730	701				Synchronous Motor Drive for KS-5073 Multifrequency Motor - Generator Sets
A401.126	CANCEL - SEE	155-651	701				Multifrequency Motor Generator Sets with Vacuum Tube Speed Regulator
A401.127	CANCEL - SEE	155-420	701				KS-5815 Vibrator-Type Ringing Generator
Add. A401.128	CANCEL - SEE	155-609	701				1000-Cycle Machines - KS-5472 and KS-5472-01
A401.128							
Add. A401.130	CANCEL - SEE	159-418	701				AC Unit Drive Motors - Panel Machine Switching Systems
A401.130							
(X-72004)							
App. 1 A401.130							
(X-72004)							
A401.135	CANCEL - SEE	159-424	701				AC/DC Duplex Motors

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A401.100 MOTORS AND GENERATORS (CONTINUED)							
A401.139 CANCEL - SEE	159	428	701				KS-5748 Motor
Add. A401.140 CANCEL - SEE	159	420	701				1/8 Horse Power DC Drive Motors for Test Frames
A401.140 (X-72081)							
A401.141 CANCEL - SEE	159	416	701				1/10 and 1/8 Horse Power DC Motors
A401.142 CANCEL - SEE	159	408	701				1/30 Horse Power 110 Volts DC Drive Motor for 5D and 6D Distributors
A401.149 CANCEL - SEE	159	462	701				KS-15609 Motor
Add. A401.150 CANCEL - SEE	159	406	701				Induction Motors - Two and Three Phase
A401.150							
Add. A401.151 CANCEL - SEE	159	410	701				Synchronous Motors
A401.151							
Add. A401.152 CANCEL - SEE	159	413	701				1/50 Horse Power Drive Motor Used with Distributors and the #155 Type and Similar Interrupters
A401.152 (X-72007)							
Add. A401.153 CANCEL - SEE	159	414	701				1/60 Horse Power Drive Motor per KS-5196
A401.153 (X-72037-01)							
App. 1 A401.153 (X-72037-01)							
A401.154 CANCEL - SEE	163	320	701				Ringin Machines - QD Type
A401.155 CANCEL - SEE	159	405	701				Motors - Direct Current - 1/4 Horse Power or Larger
A401.156 CANCEL - SEE	159	426	701				Gear Motor - Reversible AC Type - KS-5559
A401.157 CANCEL - SEE	159	429	701				KS-5753 Motor
A401.158 CANCEL - SEE	159	431	701				KS-5773 Motor
A401.159 CANCEL - SEE	159	432	701				KS-5777 Motor and KS-5778 Speed Regulator
A401.160 CANCEL - SEE	161	205	701				Inverted Converters - Janette Man- ufacturing Company
A401.161 CANCEL - SEE	161	212	701				- Electric Specialty Company

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A401.100 MOTORS AND GENERATORS (CONTINUED)							
A401.162	CANCEL - SEE	161	230	701			KS-15511 Inverter
A401.163	CANCEL - SEE	159	464	701			KS-15780 Motor
Add. A401.170	CANCEL - SEE	155	110	701			Motor-Driven Emergency Alternators
A401.170							- KS-5715
A401.171	CANCEL - SEE	159	490	701			KS-15632 Dynamotor
A401.172	CANCEL - SEE	155	112	701			Motor - Alternators - KS-15520 and
							KS-15626
A401.174	CANCEL - SEE	161	452	701			KS-15553 and Rotron Blower Motors
							and KS-15875, Fans and Air Fil-
							ters used in N1 Carrier Telephone
							System - Terminal Equipment
A401.175	CANCEL - SEE	155	614	701			Motor Generators - KS-5668-02 and
							KS-15834
Add. A401.176	CANCEL - SEE	155	625	701			- KS-15839 and KS-15842
A401.176							
A401.177	CANCEL - SEE	155	425	701			Motor Driven Generators - Ringing
							and Coin Control - KS-15816
A401.200 ENGINES AND ENGINE SETS							
Add. A401.201	CANCEL - SEE	159	110	701			Gasoline Engines - Buffalo Type "A"
A401.201							
Add. A401.202		1					Buffalo Types RT, CM and CE Gas,
A401.202		1					Gasoline and Gasoline Engines per
(X-72021-01)							KS-5026
App. 1 A401.202		1					
(X-72021-01)							
Add. A401.203	CANCEL - SEE	155	514	701			Engine-Generator Sets - Buffalo Type
A401.203							"BA"
Add. A401.204	CANCEL - SEE	159	108	701			Gasoline Engines - Buffalo Type
A401.204							"ATT"
A401.205	CANCEL - SEE	159	150	701			Foos, Horizontal Type
(X-61035)							
Add. A401.206	CANCEL - SEE	159	151	701			Gasoline Engines - Foos, Type "T"
A401.206							
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A401.200 ENGINES AND ENGINE SETS (CONTINUED)							
Add. A401.207 A401.207	CANCEL	SEE	155-120-701				High Speed Gasoline Engines - Driving Alternators - BTU - EXLC3 - L525 - KS-5467 and KS-5508
A401.208	CANCEL	SEE	159-115-701				- Hercules Types - Manual Start
A401.210 (X-72022)	CANCEL	SEE	159-155-701				White and Middleton Gas and Gasoline Engines
A401.211	CANCEL	SEE	155-122-701				Gasoline Engine Alternator Sets - Schramm Types - KS-5518
Add. A401.215 A401.215 (X-72032-01) App. A A401.215 (X-72032-01)	CANCEL	SEE	155-508-701				0.850 KW, and 2.5 KW Delco Charging Sets - KS-5042
Add. A401.216 A401.216 (X-62358)	CANCEL	SEE	155-510-701				22-40 Volt and 125-135 Volt; 1.25 KW Delco Charging Sets per KS-5115 and KS-5116
Add. A401.217 A401.217	CANCEL	SEE	155-520-701				Engine-Generator Set - 1.5 KW - Delco
Add. A401.218 A401.218	CANCEL	SEE	155-522-701				- 6 KW - Delco
Add. A401.221 A401.221	CANCEL	SEE	155-516-701				- 1.5 KW Westinghouse - Kerosene
A401.222	CANCEL	SEE	155-525-701				Engine-Generator Set - KS-5630 - 1.5 KW - Kerosene
A401.223	CANCEL	SEE	155-170-701				Engine-Alternator - Gasoline - Automatically Controlled - KS-15700 - 1.3 KW - Stationary
Add. A401.224 A401.22	CANCEL	SEE	155-167-701				- Gasoline - Portable - KS-15650 - 5 KW Onan Type
A401.225	CANCEL	SEE	159-180-701				Engine Sets - Gasoline - Automatic Operation - KS5525 - 5 and 6 KW DC and 12 KW AC
A401.226	CANCEL	SEE	155-124-701				Engine Alternator, Portable - KS-5565, 10 KW AC for Trailer Mounting - U.S. Motors Corp.
A401.227	CANCEL	SEE	155-126-701				Engine Alternator Sets - KS-5565 - Onan

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A401.200 ENGINES AND ENGINE SETS (CONTINUED)							
A401.229	CANCEL	- SEE	155-132	701			- 5 KVA - 4 KW Onan KS-5602, List 01
A401.230	CANCEL	- SEE	159-110	711			Gasoline Engine Radiator Units - Buffalo Type "R"
A401.232	CANCEL	- SEE	155-128	701			Engines - Diesel - General Motors - Series 71 Sets - KS-5574
A401.234	CANCEL	- SEE	155-128	702			Engine-Alternators - Diesel - KS-5574-01 - 20 KW Stationary and Portable
A401.235	CANCEL	- SEE	155-128	703			- Diesel - KS-5574-01 - 30, 40, and 60 KW - Stationary and Portable
A401.237	CANCEL	- SEE	155-138	700 ⁷⁰¹			- KS-5665 - 150, 200 and 300 KW
A401.238	CANCEL	- SEE	155-172	701			Engine-Alternators - Diesel - Manually and Automatically Controlled - KS-15717, Lists 1 and 4 to 9 Incl. 10 KW
A401.239	CANCEL	- SEE	155-172	702			- Diesel - Automatically Controlled - KS-15717, List 11 - 10 KW
A401.240	CANCEL	- SEE	155-134	701			- Gasoline Automatically Controlled - KS-5636, List 1 - 20 KW AC - Single Phase - Using 16-Volt Battery for Starting and Control
Add. A401.241	CANCEL	- SEE	155-139	701			- Diesel - KS-5666 - 10 KW Commercial Type
A401.241							
A401.242	CANCEL	- SEE	155-139	702			- Diesel - Manually Controlled KS-5666-01, 10 KW AC
A401.243	CANCEL	- SEE	155-176	702			- Diesel - KS-15884 - 45, 60 and 100 KW - Manually Controlled
A401.244	CANCEL	- SEE	155-178	702			- Diesel - KS-15890 - 45, 60 and 100 KW - Automatically Controlled - Requirements and Adjusting Procedures
A401.245	CANCEL	- SEE	155-136	701			- KS-5664
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A401.200 ENGINES AND ENGINE SETS (CONTINUED)							
A401.247 CANCEL - SEE	155	134	702				- Gasoline - Automatically Controlled - KS-5636, 20-, 30-, 40-, 50- and 60-KW AC - 3 Phase and 20-KW Single Phase - Using 32 Volt Battery for Starting and Control
A401.249 CANCEL - SEE	155	141	704				- Gasoline - Automatically Controlled - KS-5667-01, Lists 6 and 7, 5 KW Single Phase - 60 Cycle
Add. A401.250 CANCEL - SEE A401.250	155	141	701				- KS-5667 - 3, 5 and 8 KW
Add. A401.251 CANCEL - SEE A401.251	155	141	703				- Gasoline - Automatically or Manually Controlled - KS-5667-01 - 2.8, 4 and 8 KW
Add. A401.252 CANCEL - SEE A401.252	155	145	702				- Diesel - Automatically Controlled - KS-5750, 30-, 40- and 60-KW
A401.253 CANCEL - SEE	155	145	701				- Diesel - Automatically Controlled - KS-5750, 20 KW AC
A401.254 CANCEL - SEE	155	161	701				- Diesel - Automatically Controlled - KS-15521 - 20 KW
A401.256 CANCEL - SEE	155	165	701				- Diesel - Manually and Automatically Controlled - KS-15622 - 120 and 170 KW
A401.257 CANCEL - SEE	155	161	702				- Diesel - Two Automatically Controlled Alternately Operated 20-KW Sets - KS-15521, List 10
A401.258 CANCEL - SEE	155	174	701				- Diesel - KS-15777, L21, L22, L31 & L32 - 500 KW - Manually Controlled
A401.259 CANCEL - SEE	155	174	702				- Diesel - KS-51777, L23, L24, L33, L34 - 500 KW - Automatically Controlled
A401.260 CANCEL - SEE	155	176	701				- Diesel - KS-15884 - 30 KW - Manually Controlled - Requirements and Adjusting Procedures
A401.261 CANCEL - SEE	155	178	701				- Diesel - KS-15890 - 30 KW - Automatically Controlled - Requirements and Adjusting Procedures
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A401. 200 ENGINES AND ENGINE SETS (CONTINUED)

A401.270 CANCEL - SEE 155-115-701

- Alternator KS-15844

A401.271 CANCEL - SEE 155-113-701

- Alternator with Compensating and Gap Circuits - KS-15823 - Requirements and Adjusting Procedures

A401. 400 INTERRUPTERS

Add. A401.401 CANCEL - SEE 163-600-701
A401.401

84 Type

Add. A401.402 CANCEL - SEE 163-781-701
A401.402

Four-Cycle Motor-Driven Pole Changer

Add. A401.403 CANCEL - SEE 163-780-701
A401.403

Four-Cycle Pole Changers Driven by AC Motors

A401.405 CANCEL - SEE 163-601-701

100 Type

A401.406 CANCEL - SEE 163-604-701

No. 156B and J68602AF

Add. A401.410 CANCEL - SEE 163-602-701
A401.410

153 Type- (Pulse Machines)

Add. A401.415 CANCEL - SEE 163-606-701
A401.415

163 Type

Add. A401.422 CANCEL - SEE 163-607-701
A401.422

Precision Type

Add. A401.425 CANCEL - SEE 163-675-701
A401.425

Motor-Driven Interrupters and Tone Machines - Holtzer-Cabot Type

Add. A401.426 CANCEL - SEE 163-605-701
A401.426

Rotary Mercury Type

A401.427 CANCEL - SEE 163-630-701

KS-5746

A401.428 CANCEL - SEE 163-631-701

AC Motor-Driven - KS-15509

A401.429 CANCEL - SEE 163-220-701

KS-15634 and KS-15757 AC Motor-Driven

Add. A401.430 CANCEL - SEE 161-705-701
A401.430

Call Announcer Machines - Film Type

→ Add. A401.451 CANCEL - SEE 155-310-701
A401.451

A.E. Inc. Class of Service Tone Machines

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A401. 500 POWER PANELS AND CONTROL EQUIPMENT							
A401.501	CANCEL - SEE	026-382	701				Multi-Step Starters - General Electric Company
Add. A401.502							A.E. Inc. Reverse Current Circuit Breakers
A401.502	CANCEL - SEE	026-320	701				Voltage Regulators - AC and DC Automatic Rotating Cam Types
A401.503	CANCEL - SEE	024-460	701				G.E. Co.'s Type TA-125, Form L, Voltage Regulators
Add. A401.504							Cutler-Hammer Automatic DC Motor Starter
A401.504	CANCEL - SEE	024-481	701				Manual-Type AC Starters
Add. A401.505							Automatic Starting Compensators, Circuit Breakers - Contactors, Field Control Panels, Magnetic Switches - G.E. Co.
A401.505	CANCEL - SEE	026-390	701				Control Equipment for Battery Motor Driven Alternators
(X-72052-01)							Contactor Type Palmer Master Switch
A401.506	CANCEL - SEE	026-380	701				Palmer Master Switch per KS-5330
Add. A401.507							Voltage Regulator - Type TA, Form B2
A401.507	CANCEL - SEE	026-305	701				Voltage Controllers - KS-5016, KS-5117, KS-5374, KS-5519
Add. A401.508							Voltage Regulators - Tilting Pile Type
A401.508	CANCEL - SEE	026-356	701				Emergency Lighting Relay Switches
A401.509	CANCEL - SEE	155-109	701				
Add. A401.510							
A401.510	CANCEL - SEE	030-741	701				
A401.511	CANCEL - SEE	030-743	701				
(X-72023)							
Add. A401.512							
A401.512	CANCEL - SEE	024-480	701				
Add. A401.513							
A401.513	CANCEL - SEE	024-350	701				
A401.514	CANCEL - SEE	024-482	701				
A401.515	CANCEL - SEE	030-742	701				

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A401. 500 POWER PANELS AND CONTROL EQUIPMENT (CONTINUED)							
A401.516	CANCEL - SEE	030-740-701					Knife Switches
Add. A401.517							Automatic Electric Company's 25
A401.517	CANCEL - SEE	030-780-701					Ampere and 80 Ampere Automatic
(X-72055-01)							Counter EMF Cell Switches
A401.518	CANCEL - SEE	040-630-701					Cutler-Hammer Automatic Reverse
							Current Relays
A401.519	CANCEL - SEE	026-350-701					Contactors - KS-5323, KS-5323-01,
							KS-5694 and KS-15572
A401.520	CANCEL - SEE	040-631-701					Cutler-Hammer Automatic Reverse
							Current Relays - KS-5323-01 and
							KS-15572
A401.521	CANCEL - SEE	040-633-701					Control Relays - KS-5350, KS-5451,
							KS-5728, KS-15503, KS-15598 and
							KS-15806 and Transfer Switches
							KS-5264
A401.522	CANCEL - SEE	040-632-701					Ammeter Relays
A401.524	CANCEL - SEE	040-254-701					Voltmeter Relays - Weston Model 730
Add. A401.525							Circuit Breakers - I.T.E. Type
A401.525	CANCEL - SEE	026-306-701					
Add. A401.526							Manually Operated Rotary Switches
A401.526	CANCEL - SEE	030-744-701					
Add. A401.527							Circuit Breakers - KS-15636 (120-170
A401.527	CANCEL - SEE	026-310-701					KW Engines)
Add. A401.528							Small Circuit Breakers
A401.528	CANCEL - SEE	026-307-701					
Add. A401.530							Voltage Regulator - Centrifugal Type
A401.530	CANCEL - SEE	024-462-701					Automatic
Add. A401.531							KS-15610 and KS-15624 Switch Panels
A401.531	CANCEL - SEE	030-785-701					- Single Motor-Driven Type
A401.535	CANCEL - SEE	159-422-701					AC Power Failure Control Motor
A401.537	CANCEL - SEE	026-343-701					Autotransformer Type Starters -
							Allen-Bradley Company
A401.539	CANCEL - SEE	028-720-701					Rheostats, Switch Rheostats, and
							Potentiometers Manually Operated
							- Miscellaneous Types
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A401. 500 POWER PANELS AND CONTROL EQUIPMENT (CONTINUED)							
A401.541	CANCEL	- SEE	028-721-701				Rheostats - Manually Operated
A401.542	CANCEL	- SEE	028-722-701				Motor-Driven Rheostats
Add. A401.543							Autotransformers - Continuously-
A401.543	CANCEL	- SEE	028-706-701				Tapped - Motor-Driven
A401.544	CANCEL	- SEE	028-705-701				- Manually Operated KS-5657, KS-15594, and KS-15646
A401.547	CANCEL	- SEE	026-315-701				Circuit Breakers - KS-15910 - Re- quirements and Adjusting Proce- dures
Add. A401.550							Emergency Cell Switches - Motor-
A401.550	CANCEL	- SEE	030-787-701				Driven Knife-Blade Type
A401.551	CANCEL	- SEE	030-789-701				- Motor-Driven Rotary Type
A401.556	CANCEL	- SEE	040-635-701				KS-5453 Voltage Relays - Direct Current - Solenoid Type
A401.560	CANCEL	- SEE	100-508-701				D-C Watt-Hour Meters - KS-15530 and Other Mercury Type
A401.561	CANCEL	- SEE	100-505-701				Contact Making Ampere-Hour Meters
Add. A401.562							Electrical Indicating Instruments and
A401.562	CANCEL	- SEE	102-510-701				Meters Mounted in Power Plants
A401.563	CANCEL	- SEE	100-501-701				KS-14399 Contact-Making Ampere- Minute Meters
A401.566	CANCEL	- SEE	040-666-701				Control Relay - KS-15516 Type
A401.567	CANCEL	- SEE	040-669-701				- KS-15519 Type
A401.568	CANCEL	- SEE	040-641-701				- Double Coil - Multicontact - KS-5639
A401.569	CANCEL	- SEE	040-670-701				- KS-15528 and KS-15756
Add. A401.571							Fuses, Mountings and Enclosures
A401.571	CANCEL	- SEE	026-370-701				
A401.574	CANCEL	- SEE	026-355-701				D-C Contactor - Plunger Type - KS-5722
A401.575	CANCEL	- SEE	026-352-701				Contactors - KS-5626 - Square D Company
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A401. 500 POWER PANELS AND CONTROL EQUIPMENT (CONTINUED)							
Add. A401.576							- KS-5642 - Westinghouse Electric Corp.
A401.576 CANCEL - SEE	026	354	701				
A401.577 CANCEL - SEE	026	365	701				Contactors, Relays and Transfer Switches Having No KS Designations and Used in Engine Control Circuits
Add. A401.578							Automatic Starters and Compensators Having No KS Designations - Cutler-Hammer, Inc., Square D Company, and Ward Leonard Electric Company
A401.578 CANCEL - SEE	026	340	701				
A401.579 CANCEL - SEE	026	360	701				Contactors, KS-15514 - KS-15934
A401.580 CANCEL - SEE	040	663	701				Relays and Flashing Switches Used in Air Navigation - Obstruction Lighting Circuits
A401.581 CANCEL - SEE	024	345	701				Motor Controller KS-5647
A401.582 CANCEL - SEE	024	346	701				Motor Controller KS-5755
A401.583 CANCEL - SEE	026	384	701				Motor Controller KS-15582
A401.584 CANCEL - SEE	040	673	701				Control Relay - KS-15863
A401.586 CANCEL - SEE	026	392	701				Air Starting Equipment KS-15777 List 51 and List 52
A401.590 CANCEL - SEE	040	810	701				Struthers-Dunn Relays Having No KS Designations
A401.591 CANCEL - SEE	040	804	701				Automatic Switch Company Relays - Having No KS Designations - Requirements and Adjusting Procedures
A401. 700 PANEL DRIVE EQUIPMENT							
→ Add. A401.701 CANCEL - SEE	159	735	701				Vertical Drive Shafts and Associated Apparatus
→ A401.701							
→ Add. A401.711 CANCEL - SEE	159	720	701				Friction Roll Drives
→ A401.711							
→ A401.712 CANCEL - SEE	159	725	701				Gear Reduction Drives, Horizontal Connecting Shafts, and Associated Bearings
→ Add. A401.713 CANCEL - SEE	159	705	701				Drives - No. 16A
→ A401.713							
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A401.700 PANEL DRIVE EQUIPMENT (CONTINUED)							
→ Add. A401.714	CANCEL	- SEE	159-706-701				Drives - No. 16C and D-78675
→ A401.714							
A401.900 MISCELLANEOUS POWER EQUIPMENT							
A401.901	CANCEL	- SEE	032-100-701				Electrolytic Condensers - 100 and 101 Types
→ A401.902	CANCEL	- SEE	161-105-701				Cleveland Worm and Gear Company's Speed Reduction Unit with Driving Motor per KS-5171
→ Add. A401.903	CANCEL	- SEE	161-405-701				Exhauster Sets - KS-5265
→ A401.903							
→ A401.904	CANCEL	- SEE	161-408-701				Centrifugal Fans - KS-5405 (Formerly Exhauster Sets)
→ A401.905	CANCEL	- SEE	171-110-701				Commutators, Collectors Rings, Interrupters and Brushes
→ A401.907	CANCEL	- SEE	161-352-701				Compressor-Dehydrator - KS-16321, List 1 and Dehydrator - KS-16321, List 2
→ Add. A401.909	CANCEL	- SEE	161-350-701				- KS-14155, List 1 and Dehydrator - KS-14155, List 2
→ A401.909							
→ A401.910	CANCEL	- SEE	161-330-701				Compressor Set - KS-14514, List 1
→ Add. A401.911	CANCEL	- SEE	161-320-701				De Vilbiss Compressor Set KS-7491
→ A401.911							
→ A401.913	CANCEL	- SEE	161-412-701				Portable Exhauster Sets - D-96738, D-97067, KS-8038 and KS-8430
→ Add. A401.914	CANCEL	- SEE	161-430-701				Exhauster - KS-14426, List 1
→ A401.914							
→ A401.915	CANCEL	- SEE	161-480-701				Power Room Ventilation and Air Discharge Duct Equipment
→ A401.916	CANCEL	- SEE	161-370-701				KS-16001 Dehydrator
→ Add. A401.918	CANCEL	- SEE	161-470-701				KS-5794 Air Blower - Tube Cooling System TD-2 Radio Relay System
→ A401.918							
→ Add. A401.919	CANCEL	- SEE	161-371-701				Waveguides - Static and Dynamic Pressures - TD-2 Radio Relay System
→ A401.919							
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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A401.900 MISCELLANEOUS POWER EQUIPMENT (CONTINUED)							
→ A401.921 CANCEL - SEE	161	372	701				KS-16153 Dehydrator
→ A401.922 CANCEL - SEE	161	374	701				KS-16468 Dehydrator
→ A401.923 CANCEL - SEE	161	450	701				Fan - KS-15860 - Multistage, Turbine
→ A401.926 CANCEL - SEE	161	458	701				KS-15800 Blowers and Associated Air Filters Used in J86273 Rectifiers
→ A401.929 CANCEL - SEE	161	305	701				Air Dryer - KS-16432, List 1 and List 2
→ Add. A401.930 CANCEL - SEE	161	307	701				- KS-16523, List 1
→ A401.930							
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COMPANY or AREA		ISSUE - CODE						SUBJECT
SECTION NO.	ATT	FVB	W-I	CODE	0	CODE		
A408. DIALS AND DIAL TESTERS								
A408.000 DIALS								
A408.002	CANCEL - SEE	028-300	701				2-, 4-, 5- and 6-Types	
A408.200 DIAL TESTERS								
Add. A408.202	CANCEL - SEE	100-140	701				50 Type	
A408.202								
Add. A408.203	CANCEL - SEE	100-141	701				51 Type	
A408.203								
A428. INTERRUPTERS								
A428.000 BAR TYPE INTERRUPTERS								
Add. A428.002	CANCEL - SEE	163-651	701				Reciprocating Bar Type	
A428.002								
A428.100 SEQUENCE SWITCH INTERRUPTERS								
Add. A428.102	CANCEL - SEE	163-603	701				No. 155A	
A428.102								
(X-70093-01)								
Add. A428.103	CANCEL - SEE	163-605	701				157 Type	
A428.103								
A428.200 VIBRATING TYPE INTERRUPTERS								
A428.202	CANCEL - SEE	163-608	701				169A and 169B and Associated 26B Connecting Block	
A428.300 MISCELLANEOUS INTERRUPTERS								
Add. A428.305	CANCEL - SEE	163-609	701				173 Type	
A428.305								
A430. JACKS								
A430.002	CANCEL - SEE	032-351	701				92, 229 and 292 Types	
Add. A430.003							49 Type	
A430.003	CANCEL - SEE	032-350	701					

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE	O	CODE	
A430. JACKS (CONTINUED)							
A430.004	CANCEL - SEE	032	352	701			99, 215, 216, 217, 218, 219, 220, 221, 223, 225, 226, 227, 230, 231, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 250, 259, 260, 267, 274, 280, 281, 284, 285, 289, 290, 291, 293, 297, 300, 303, 309, 324, 326, 327, 353, 355, 360, 361, 363, 364, 372, 375, 382, 387, 394, 396, 410, 411, 438, 440, 443, 446, 449, 454, 456, 458, 460, 462, 469, 476, 482, 484, and 485 Types
Add. A430.005							444 Type
A430.005	CANCEL - SEE	032	354	701			
A430.006	CANCEL - SEE	032	356	701			463A Type
A430.011	CANCEL - SEE	032	545	701			Plugs and Sockets - Howard B. Jones
A432. KEYS							
Add. A432.006							A3, B11, 69, 183, 242, 492, 508, 521 and 539 Types
A432.006	CANCEL - SEE	032	701	701			
Add. A432.007							89, 92, 188, 424, 464, 494, 495 and 527 Types
A432.007	CANCEL - SEE	032	702	701			
Add. A432.008							102, 103, 104, 105, 107, 110, 111, 115, 116, 117, 118, 120, 121, 122, 123, 124, 131, 135, 136, 139, 140, 143, 147, 150, 151, 155, 156, 164, 165, 167, 172, 177, 178, 184, 189, 192, 194, 196, 198, 201, 210, 212, 225, 247, 249, 250, 256, 257, 262, 264, 266, 267, 270, 277, 280, 285, 291, 369, 415, 421, 423, 425, 429, 432, and 454 Types and No. 6002-E
A432.008	CANCEL - SEE	032	704	701			
A432.009	CANCEL - SEE	032	705	701			214, 217, 227, 228, 229, 230, 231, 273, 352, 362, 408 and 416 Types
A432.010	CANCEL - SEE	032	706	701			223 Types
Add. A432.011							237 and 243 Types
A432.011	CANCEL - SEE	032	707	701			
Add. A432.013							272, 406, 498, 538, 556, 6013, A4, B2, B9 and B20 Types
A432.013	CANCEL - SEE	032	709	701			
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SECTION NO.	ISSUE - CODE						SUBJECT
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A432. KEYS (CONTINUED)							
Add. A432.014							290 and 293 Types
A432.014 CANCEL - SEE	032	710	701				
Add. A432.015							357, 370, 375, 376, 377, 378, 379,
A432.015 CANCEL - SEE	032	711	701				381, 382, 383, 388, 390, 391, 392,
							393, 394, 395, 396, 397, 398, 426,
							488, and 511 Types and Nos. 6002A,
							B, C, D, F, G and H and Associated
							Levers
Add. A432.016							438, 439, 450, 451, 453, 462, and 463
A432.016 CANCEL - SEE	032	712	701				Types
Add. A432.018							Keys - 479, 497, 501, 503, 504, 506,
A432.018 CANCEL - SEE	032	714	701				507, 512, 514, 516, 526, 529, 531,
							532, 540, 546, 548, 555, 557, 558,
							571, 578, 6008, 6009, 6011, A1,
							A2, A5, A6, A7, A8, A9, A10, A11,
							A13, A14, A15, A17, A18, A20,
							A23, A24, A25, A26, A27, A29,
							A30, A31, A32, A33, A35, B1, B3,
							B5, B6, B7, B8, B10, B14, B15,
							B17, B18, B19, B21, C1, C2, C3,
							C5, C6, C7, C8, E5, G1, G2, and
							G6 Types
Add. A432.019							60 Type Selector and 491 Type
A432.019 CANCEL - SEE	032	700	701				
A432.033 CANCEL - SEE	032	717	701				499, 523, and 524 Types
Add. A432.035							513 Type
A432.035 CANCEL - SEE	032	718	701				
Add. A432.036							517, 530, A21, B13, C4, C9, C10 and
A432.036 CANCEL - SEE	032	719	701				C11 Types
A432.037 CANCEL - SEE	032	720	701				518 Type
Add. A432.038							519 Type
A432.038 CANCEL - SEE	032	721	701				
Add. A432.039							529 Type
A432.039 CANCEL - SEE	032	722	701				
Add. A432.040							478 Type
A432.040 CANCEL - SEE	032	713	701				
Add. A432.041							493 Type
A432.041 CANCEL - SEE	032	716	701				
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SECTION NO.
A432. KEYS (CONTINUED)

Add. A432.042
A432.042 CANCEL - SEE 032-750-701

A432.049 CANCEL - SEE 032-723-701

A432.050 CANCEL - SEE 032-751-701

A432.051 CANCEL - SEE 032-725-701

A432.052 CANCEL - SEE 032-724-701

A436. MESSAGE REGISTERS

Add. A436.002
A436.002 CANCEL - SEE 030-330-701

Add. A436.003
A436.003 CANCEL - SEE 030-330-702

A436.006 CANCEL - SEE 030-331-702

Add. A436.007
A436.007 CANCEL - SEE 030-331-701

A436.021 CANCEL - SEE 030-310-701

A438. MISCELLANEOUS APPARATUS

A438.000 BUZZERS AND BELLS

A438.001 CANCEL - SEE 028-110-701

Add. A438.002
A438.002 CANCEL - SEE 028-111-701

A438.003 CANCEL - SEE 028-112-701

A438.004 CANCEL - SEE 028-101-701

A438.005 CANCEL - SEE 028-120-701

A438.006 CANCEL - SEE 028-110-701

A438.007 CANCEL - SEE 028-102-701

SUBJECT

E1 and E2 Types

545, 575, 591, A28, A34, A36, B22,
B23, B25, B26, E6, G3, G4, and G5
Types

E4A

570 Type

Keys - 547, 552, 576, 579, 585 and
596 Types

Line Message Registers - 5 Type

Traffic and Plant Registers - 5 and
12 TypesRegisters Traffic and Plant - 14
Type

Line Message Registers - 14 Type

Magnetic Counter KS-7495

Buzzers - 1 Type

- 2 Type

- 4 Type

10 and 11 Type Bells and 10 Type
Buzzers

Buzzers - Nos. 12092 and 12093

Bells and Buzzers - 7 Type

Bells and Signals - Solenoid Type

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ISSUE - CODE							
SECTION NO.	ATT	PMB	H-I	CODE	0	CODE	SUBJECT
A438. 100 CLOCKS AND TIME MEASURING DEVICES							
A438.121	CANCEL	- SEE	030-100-701				Calculagraphs - Models 6 and 30
Add. A438.122							Stromberg Time Stamp
A438.122	CANCEL	- SEE	030-176-701				
A438.123	CANCEL	- SEE	030-102-701				Calculagraphs - KS-7769 (Model 33)
Add. A438.131							Master Clocks - KS-1299, KS-1924,
A438.131	CANCEL	- SEE	030-121-701				KS-1925, KS-1926, KS-1927, KS-1928,
							KS-1929, KS-1930, KS-1931, KS-6777
							and KS-6778
Add. A438.132							Secondary Clocks
A438.132	CANCEL	- SEE	030-124-701				
Add. A438.133							Electric Clocks - 1 Type
A438.133	CANCEL	- SEE	030-122-701				
A438.134	CANCEL	- SEE	030-110-701				- KS-8155
Add. A438.135							Motor-Driven Switchboard Clock -
A438.135	CANCEL	- SEE	030-113-701				KS-8263
A438.136	CANCEL	- SEE	030-112-701				Electric Stop Clock - KS-8259
A438.137	CANCEL	- SEE	030-111-701				Standard Electric Time Co.'s - S-1,
							S-1A and S-10 Timers and KS-1860
							Electric Stop Clock
Add. A438.138							Electric Stop Clock - KS-14235
A438.138	CANCEL	- SEE	030-115-701				
A438.142	CANCEL	- SEE	030-170-701				Call Timing Switch KS-5464
A438.143	CANCEL	- SEE	030-140-702				Coin Timers - No. 1B, D-99006 and
							D-159938 and Associated Nos. 51A,
							51C, 52A, D-99004 and D-17938
							Drives
A438.145	CANCEL	- SEE	030-140-703				Nonzone Test Timers No. 1D and
							D-99325, Coin Test Timers No. 1D
							and D-99326 and Associated Nos.
							51B, 51D, 52B, D-156125 and D-179539
							Drives
A438.146	CANCEL	- SEE	030-140-701				Nonzone Timers - No. 1A and D-99005 and
							Associated Nos. 51A, 51C, 52A,
							D-99004 and D-179538 Drives

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ISSUE - CODE

SECTION NO.	ATT	PB	I	DE	CODE	SUBJECT
A438. 100 CLOCKS AND TIME MEASURING DEVICES (CONTINUED)						
Add. A438.147						Clocks - 2 Type, No. 4A and
A438.147 CANCEL - SEE	030	141	701			D-171089
A438.148 CANCEL - SEE	030	150	701			Nonzone Timer - D-159823 and As- sociated No. 51A Drive
A438.149 CANCEL - SEE	030	142	701			Timers - 3 Type
A438.151 CANCEL - SEE	030	156	701			- KS-8543 and KS-8564
A438.152 CANCEL - SEE	030	157	701			Program Timers - KS-14741
A438.153 CANCEL - SEE	030	158	701			KS-14799 Timer
Add. A438.154						KS-16329 Timer
A438.154 CANCEL - SEE	030	159	701			
A438. 200 DROPS AND SIGNALS						
Add. A438.202						Drops - 4, 19, 35 and 56 Types
A438.202 CANCEL - SEE	032	340	701			- 22 Type
Add. A438.203						Signals - 4 Type
A438.203 CANCEL - SEE	032	341	701			- 34 and 41 Types
Add. A438.252						- 42 Type
A438.252 CANCEL - SEE	032	550	701			Combined Jacks and Signals - Nos. 23C, 52C and 55C
Add. A438.253						Bunnell Ink Writing Register
A438.253 CANCEL - SEE	032	551	701			KS-3106 (Single Pen) and KS-3107 (Double Pen) and Former Foote- Pierson & Co.
Add. A438.254						
A438.254 CANCEL - SEE	032	552	701			
Add. A438.256						
A438.256 CANCEL - SEE	032	380	701			
A438. 400 PEN REGISTERS						
Add. A438.481						
A438.481 CANCEL - SEE	030	340	701			
Add. A438.482						
A438.482 CANCEL - SEE	030	341	701			

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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FTB	W-I	CODE	0	CODE	
A438. 550 RINGERS							
A438.551 CANCEL - SEE	028	130	701				Ringers - No. 6A, 6J, 6M, 6N, 7A, 8A, 8JA, 37H, 38B, 40A, 40B, 42A, 51A, 51B, 55B, 65B, 68A, 68J, 68JA, 72A, 78A, 78J, and B1A, B1AA, B1AB, B1AL, B2A, B2AL, B3A, and B3B
A438.552 CANCEL - SEE	028	131	701				- C4, and C5 Types
A438. 600 SOUNDERS							
A438.602 CANCEL - SEE	028	140	701				3 Type and 12521
A438.604 CANCEL - SEE (X-70308-01)	028	141	701				7A Polarized
A438. 650 MISCELLANEOUS SWITCHES AND POTENTIOMETERS							
Add. A438.651							Foot - 4 Type
A438.651 CANCEL - SEE	030	760	701				
Add. A438.653							188 and 189 Types
A438.653 CANCEL - SEE	030	700	701				
Add. A438.654							202 Type
A438.654 CANCEL - SEE	030	710	701				
Add. A438.655							211 and 212 Types
A438.655 CANCEL - SEE	030	711	701				
A438.657 CANCEL - SEE	030	765	702				Stud Type Rotary - 212 Type Input Transformers
A438.658 CANCEL - SEE	030	765	703				- D-95522 - Rheostats D-88790, D-88791, D-88792, D-88793, D-91283, D-91378, Potentiometers 20A, 22A, 22B, 25A, 26A, 30A Types, D-81127, D-81157, D-81158, D-81228, D-81236, D-81238, D-81284, D-81312, D-85675, D-85738, D-86118, D-88204, D-88205, D-88206, D-88207, D-88328, D-88702, D-88733, D-90329, D-90330, D-90331, D-91381, D-92146, D-92147, D-92515, D-93385, D-95140, D-95415
A438.659 CANCEL - SEE	030	765	701				Stud Type Rotary - 212 Type Input Transformers - Used in 34 and 37 Type Potentiometers, Certain Artificial Lines and Attenuators
A438.671 CANCEL - SEE	030	712	701				216 and 217 Types
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ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A438. 650 MISCELLANEOUS SWITCHES AND POTENTIOMETERS (CONTINUED)							
Add. A438.675							300, 301, 302, and 303 Types
A438.675 CANCEL - SEE	030	715	701				
Add. A438.676							304, 305, 306, 307, 308, 314, 315, and 318 Types
A438.676 CANCEL - SEE	030	717	701				
A438.678 CANCEL - SEE	030	720	701				324, 325, and 328 Types
A438. 700 TESTING APPARATUS							
A438.701 CANCEL - SEE	100	810	701				Wheatstone Bridges KS-3011 and KS-5588
A438.711				CANCELLED			Pulsing Test Set
→ A438.735 CANCEL - SEE	103	805	700				17A and 17B Oscillators
A438. 900 GENERAL							
Add. A438.901							Distributors - 5D, 5E, 6A, D-95881, D-96944 and D-98676
A438.901 CANCEL - SEE	034	100	701				
A438.902 CANCEL - SEE	034	102	701				Transmitter-Distributors 14F, 14G and 14M
A438.903 CANCEL - SEE	034	120	701				Regenerator Units 1A and 1B
Add. A438.904							Motor Governors for Automatic Multiple Sender Transmitter Distributors and 106A1 Regenerative Repeaters
A438.904 CANCEL - SEE	034	107	701				
A438.905				CANCELLED			2C Howler
Add. A438.906							12H and 12BH Receiving Distributors for 101A and 102A TTY Concentrating Units
A438.906 CANCEL - SEE	034	101	701				
A438.907 CANCEL - SEE	034	105	701				100 Type Teletypewriter Test Distributors
A438.908 CANCEL - SEE	024	405	701				100A Regulator Equipped with KS-5511 Motor - Type 892B - Type K Cable Carrier Telephone System
A438.909 CANCEL - SEE	024	406	701				50A Drive and Associated 101 and 102 Type Regulators - Type K Cable Carrier Systems
Add. A438.910							100A Regulator Equipped with KS-5511 Motor - Type 892C - Type K Cable Carrier Telephone System
A438.910 CANCEL - SEE	024	405	702				
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SECTION NO.	ATT	FNB	N-I	CODE	0	CODE	SUBJECT
A438. 900 GENERAL (CONTINUED)							
A438.911 CANCEL - SEE	024	408	701				Regulator per KS-2749 for Pilot Wire Transmission Regulating Systems
Add. A438.912							Brown Indicating Controller per KS-6835
A438.912 CANCEL - SEE	024	332	701				
A438.913 CANCEL - SEE	024	331	701				Pilot Wire Master Twist Controller - KS-7781
Add. A438.914							Pilot Wire Master Flat Gain Controller KS-7664
A438.914 CANCEL - SEE	024	330	701				
Add. A438.916							Tuning Forks - No. 11A
A438.916 CANCEL - SEE	085	755	701				
A438.917 CANCEL - SEE	024	405	703				100A Regulator Equipped with KS-5511 Motor - Type 892D or Reconditioned Type 892C - Type K1 Carrier Telephone System
A438.920 CANCEL - SEE	085	102	701				Gauges, Gram Tension - 62, 68, 70 79 and 158 Types
A438.921 CANCEL - SEE	211	132	701				50A Detector for Pneumatic Tube System Blockade Alarm
Add. A438.923							Electrical Indicating Instruments - Voltmeters, Ammeters, Etc. Exclusive of Panel Mounted Power Plant Instruments
A438.923 CANCEL - SEE	100	510	701				
A438.925 CANCEL - SEE	075	180	703				Vacuum Cleaner - KS-14377
Add. A438.927							No. 10A Recorder
A438.927 CANCEL - SEE	034	359	701				
A438.928.1 CANCEL - SEE	034	358	702				Recorder-Reproducer - KS-16534, List 1 - General
A438.928.2 CANCEL - SEE	034	358	703				- Control Unit
A438.928.3 CANCEL - SEE	034	358	704				- Mechanism
A438.929 CANCEL - SEE	034	354	701				KS-16765, L3 Recorder
Add. A438.930							Portable Motor Equipment for Base Metal Contact Maintenance
A438.930 CANCEL - SEE	076	190	701				
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SECTION NO.	ISSUE - CODE					
	ATT	FIN	W-I	CODE	0	CODE
A438.900 GENERAL (CONTINUED)						
Add. A438.931 A438.931	CANCEL - SEE	076-180-701				Vacuum Cleaner per KS-7507
Add. A438.932 A438.932	CANCEL - SEE	075-125-701				Nos. 497A and 497B Tools (Portable Plug Cleaning Machines)
A438.934	CANCEL - SEE	076-180-702				Vacuum Cleaner - KS-8389
A438.935	CANCEL - SEE	030-300-701				Message Register Cameras KS-7703 and KS-8320
A438.936	CANCEL - SEE	030-302-701				KS-14776, Lists 1 and 2 Cameras (Traffic Register Cameras)
A438.937	CANCEL - SEE	030-301-701				Message Register Camera KS-14593, List 1
A438-938	CANCEL - SEE	034-351-701				Recorder-Reproducers - KS-12068, Lists 3, 4, 5, 6 and List 3 Converted Per KS-4174
Add. A438.941 A438.941	CANCEL - SEE	030-767-701				Switch per D-159393 and Associated Motor Generator for A3 and A5 Privacy System
Add. A438.943 A438.943	CANCEL - SEE	024-321-701				Control Unit No. 36A
A438.944	CANCEL - SEE	034-352-701				Tape Announcing Machine - D-151131
A438.945	CANCEL - SEE	024-410-701				Condenser Drive per ED-61694-01, ED-61694-021 and ED-61694-022 for J2 Carrier Telephone Regulating Amplifiers
A438.946	CANCEL - SEE	026-700-701				Selectors - No. 60BA, 60BC, 60BP, 60BR, 66A, D-151294, and D-175279
A438.947	CANCEL - SEE	034-350-701				Recorder-Reproducer - KS-12055, List 4
A438.949	CANCEL - SEE	034-338-701				KS-16789, L1 Reader
Add. A438.950 A438.950	CANCEL - SEE	030-360-701				1 Type Message Ticketer
A438.956	CANCEL - SEE	161-378-701				KS-15587 Dynamic Dry Air Supply
Add. A438.961 A438.961	CANCEL - SEE	032-110-701				Capacitors, Electrolytic - Aluminum Type

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ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A438.900 GENERAL (CONTINUED)							
A438.966	CANCEL	- SEE	024-320-701				6B Control Unit
Add. A438.970							KS-14778 Photo Processor
A438.970	CANCEL	- SEE	030-320-701				
Add. A438.971							Perforators - D-175914 and D-176283
A438.971	CANCEL	- SEE	034-300-701				
A438.972	CANCEL	- SEE	034-330-701				Readers - D-176284, D-176447, and D-176449
A438.973	CANCEL	- SEE	034-305-701				KS-13834 Perforator (Trouble Recorder)
→ A438.974	CANCEL	- SEE	159-440-701				Output Motor Drive Unit - ED-40263-01 Groups 1 and 2
→ A438.975	CANCEL	- SEE	159-441-702				- ED-40026-01, Group 3
Add. A438.976							Readers - KS-13835, List 1, 2, 3, 4, 5, and 6
A438.976	CANCEL	- SEE	034-335-701				
Add. A438.977							Tape Reeler - ES-40009-01, G2
A438.977	CANCEL	- SEE	034-370-701				
→ A438.978	CANCEL	- SEE	159-441-701				Output Motor Drive Unit - ED-40026-01 Group 1 and Group 2
→ A438.979	CANCEL	- SEE	159-442-701				Input Motor Drive Unit - ED-40027-01 G1
→ Add. A438.980	CANCEL	- SEE	159-443-701				- ED-40218-01, Groups 1, 2 and 3
→ A438.980							
A438.981	CANCEL	- SEE	034-306-701				Perforators - KS-13882
A438.983	CANCEL	- SEE	034-349-701				Cleaning Cabinet - KS-13928
A438.984.1	CANCEL	- SEE	034-700-701				1-Type Translator - General
A438.984.2	CANCEL	- SEE	034-700-702				- 4-Type Apparatus Unit
A438.984.3	CANCEL	- SEE	034-700-703				- No. 214A Selector
A438.985	CANCEL	- SEE	076-133-701				604-Type Tools - (Tape Splicer)
A438.987	CANCEL	- SEE	076-143-701				No. 659A Tool - (For Coding Cards Used with 1-Type Translator)
Add. A438.988	CANCEL	- SEE	075-120-701				KS-16363, List 1 Wire Wrapping Tool and Associated Bits and Stationary Sleeves
A438.988							

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DIVISION A400 - APPARATUS REQUIREMENTS AND ADJUSTING PROCEDURES
SUB - DIVISION A445 THROUGH A449

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PWB	W-I	CODE	0	CODE	SUBJECT
A445. PANEL MULTIPLE BANKS							
A445.002	CANCEL - SEE	026	110	701			Panel Multiple Types
A446. PANEL ELEVATOR APPARATUS							
Add. A446.002							Cordless "B" Link
A446.002	CANCEL - SEE	026	125	702			
Add. A446.003							Line Finder and Trunk Finder
A446.003	CANCEL - SEE	026	125	703			
Add. A446.004							Subscriber Link
A446.004	CANCEL - SEE	026	125	706			
Add. A446.005							Translator
A446.005	CANCEL - SEE	026	125	707			
Add. A446.006							Selector
A446.006	CANCEL - SEE	026	125	704			
Add. A446.007							Call Distributing "B" Link
A446.007	CANCEL - SEE	026	125	701			
Add. A446.008							Sender Tandem Link
A446.008	CANCEL - SEE	026	125	705			
A448. PANEL SELECTOR CLUTCHES AND RACKS							
A448.001	CANCEL - SEE	026	115	702			Clutches - Helical Spring Type and Associated Racks - Updrives Equipped with Release Spring
Add. A448.002							- Updrives without Release Springs
A448.002	CANCEL - SEE	026	115	701			
Add. A448.004							Clutches - Reed Spring Type and Associated Racks - Updrives without Release Springs
A448.004	CANCEL - SEE	026	115	703			
Add. A448.005							Clutches - Reed Spring Type and Associated Racks - Updrive with Release Springs
A448.005	CANCEL - SEE	026	115	704			
A449. PANEL SELECTOR COMMUTATORS AND COMMUTATOR BRUSHES							
Add. A449.002							Panel Selector Commutators and Commutator Brushes
A449.002	CANCEL - SEE	026	120	701			
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		COMPANY or AREA					ISSUE - CODE				SUBJECT	
SECTION NO.		ATT	FWB	W-I	CODE	Q	CODE					
A460.)												
A461.) RELAYS												
A462.)												
A460.004	CANCEL - SEE	040	010	711				A, B, C, E, F, G, H, J, R, 111, 121, 122, 125, 149, 162, 178, 179, 206, and 215 Types - Requirements by Codes for Maintenance Purposes on Circuits Having No Circuit Requirement Tables				
A460.006	CANCEL - SEE	040	210	701				21 and 22 Type, Telegraph				
A460.007 (X-73024)	CANCEL - SEE	040	211	701				24A Telegraph				
A460.008 (X-73025)	CANCEL - SEE	040	212	701				25A Telegraph				
A460.009 (X-73026)	CANCEL - SEE	040	213	701				31A Telegraph				
Add. A460.010 A460.010	CANCEL - SEE	040	214	701				44 Type				
Add. A460.011 A460.011	CANCEL - SEE	040	217	701				87 Type				
A460.012	CANCEL - SEE	040	218	701				39, 101 and 172 Types				
A460.013	CANCEL - SEE	040	215	701				59, 105 and 108 Types				
Add. A460.014 A460.014	CANCEL - SEE	040	219	701				111 (Part of 163), 121, 122, 125, 149, 162, 178 and 179 Types				
A460.015	CANCEL - SEE	040	220	701				114, 124, 126, 174 and 198 Types - Requirements and adjusting Procedures				
A460.016	CANCEL - SEE	040	221	701				118 Type				
Add. A460.017 A460.017	CANCEL - SEE	040	222	701				150 Type and No. 218A and Associated 25A Connecting Block				
Add. A460.018 A460.018	CANCEL - SEE	040	223	701				177 and 203 Types				
Add. A460.019 A460.019	CANCEL - SEE	040	224	701				186 Type				
A460.020	CANCEL - SEE	040	225	701				189 Type				
Add. A460.021 A460.021	CANCEL - SEE	040	226	701				190 Type				

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		COMPANY or AREA						
		ISSUE - CODE						
SECTION NO.		ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A460.)								
A461.) RELAYS (CONTINUED)								
A462.)								
Add. A460.022	CANCEL - SEE	040	227	701				196 Type
A460.022								
A460.023	CANCEL - SEE	040	228	701				206, 227, 231 and 239 Types
A460.024	CANCEL - SEE	040	229	701				207, and 213 Type
A460.025	CANCEL - SEE	040	230	701				208 and 214 Type
Add. A460.026	CANCEL - SEE	040	231	701				209 Type and Associated 18-Type Connecting Blocks
A460.026								
A460.027	CANCEL - SEE	040	232	701				215 and 255 Types and Associated No. 18B Connecting Block
A460.028	CANCEL - SEE	040	233	701				No. 218B and Associated No. 26B Connecting Block
A460.029	CANCEL - SEE	040	803	701				Step-by-Step - AECO Horizontal-Type - not Listed in Section A460.041
Add. A460.032	CANCEL - SEE	040	241	701				229, 230 and 232 Types
A460.032								
Add. A460.033	CANCEL - SEE	040	216	701				No. 85F
A460.033								
A460.035	CANCEL - SEE	040	242	701				235 Type
A460.036	CANCEL - SEE	040	243	701				236 Type (D-87799)
A460.039	CANCEL - SEE	040	247	701				245, 254, 263, and 264 Types
A460.040	CANCEL - SEE	040	236	701				221, 222, 223, 224, 225, 247, 251, 305 307, and 309 Types
Add. A460.041	CANCEL - SEE	040	236	711				221, 222, 223, 224, and 225 Types - List of Requirements by Relay Codes
A460.041								
A460.043	CANCEL - SEE	040	250	701				253 Type
A460.044	CANCEL - SEE	040	257	701				267 Type and D-99739 and D-175787
Add. A460.045	CANCEL - SEE	040	256	701				266 Type
A460.045								

COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PTB	W-I	CODE	O	CODE	
A460.)							
A461.) RELAYS (CONTINUED)							
A462.)							
A460.047 CANCEL - SEE	040	240	701				Modified 228A per D-160118 and Associated No. 18F Connecting Block
Add. A460.050 CANCEL - SEE A460.050	040	258	701				268 Type
A460.055.1 CANCEL - SEE	040	263	701				275, 276, 291, 292, 301, and 303 Types - General
A460.055.2 CANCEL - SEE	040	263	501				275, 276, 291, 292, 301, and 303 Types - Using Test Set SD-95439-01
A460.059 CANCEL - SEE	040	267	701				280 Type
Add. A460.065 CANCEL - SEE A460.065	040	272	701				286, 287, and 288 Types - (Multi- contact-Wire-Spring Types)
A461.001 CANCEL - SEE	040	500	701				A and AB Types
Add. A461.002 CANCEL - SEE A461.002	040	506	701				B and G Types
A461.003 CANCEL - SEE	040	508	701				C Types
A461.004 CANCEL - SEE	040	510	701				E, EA, F, H, R and T Types
A461.005 CANCEL - SEE	040	512	701				J Type
Add. A461.006 CANCEL - SEE A461.006	040	514	701				L, N, and S Types
A461.010 CANCEL - SEE	040	522	701				Y Type
A461.011 CANCEL - SEE	040	518	701				U and UA Types
A461.013 CANCEL - SEE	040	520	701				UB Type
A461.014 CANCEL - SEE	040	502	701				AF, AG, and AJ Types - (Wire-Spring Types)
A461.016 CANCEL - SEE	040	504	701				AK Type - (Wire-Spring Type)
A462.001 CANCEL - SEE	040	601	701				Thermal Relay per D-80493 for Pneumatic Tube System Blockade Alarm
A462.003 CANCEL - SEE	040	801	701				Dashpot Type Internally Adjusted and Externally Adjusted

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A460.)							
A461.) RELAYS (CONTINUED)							
A462.)							
A462.004 CANCEL - SEE (X-72051-01)	040	802	701				Automatic Electric, Inc., High-Low Voltage
Add. A462.005 CANCEL - SEE A462.005	040	254	701				260 and 261 Types - Weston Models 30, 534, and 546
Add. A462.006 CANCEL - SEE A462.006	040	816	701				Relay and Relay Sets Signal Type
Add. A462.007 CANCEL - SEE A462.007	040	646	701				KS-6902, KS-6903 and KS-7252
Add. A462.008 CANCEL - SEE A462.008	040	603	701				D-85083
A462.011 CANCEL - SEE	040	602	701				Bellows Relay per D-81211 - For Pneumatic Tube System Blockade Alarm
A462.012 CANCEL - SEE	040	640	701				Thermal Time-Delay Relays, KS-5596
A462.013 CANCEL - SEE	040	826	701				Weston Models 705 and 732 Sensitrol and 730 Sensitive Type
A462.014 CANCEL - SEE	040	647	701				KS-7801 Through KS-7850
A462.016 CANCEL - SEE	040	645	701				Current or Voltage Relays - KS-5923
A462.017 CANCEL - SEE	040	642	701				KS-5656 and KS-5658
A462.018 CANCEL - SEE	040	643	701				Mercury Relays, KS-5721
A462.019 CANCEL - SEE	040	644	701				Thermal Time-Delay Relays, KS-5723
A462.020 CANCEL - SEE	040	661	701				KS-13767
A462.022 CANCEL - SEE	040	660	701				Thermal Relays - KS-13542, KS-13543, KS-13782, KS-13977, KS-13991 and KS-14082
A462.023 CANCEL - SEE	040	668	701				Thermal Time-Delay Westinghouse Relays - KS-15518
A462.024 CANCEL - SEE	040	667	701				Control Relays - KS-15517 and KS-15726
A462.025.1 CANCEL - SEE	040	664	701				Time Delay Relay - KS-15513 - Westinghouse Electric Corp.

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A460.)							
A461.) RELAYS (CONTINUED)							
A462.)							
A462.025.2 CANCEL - SEE				040-665-701			- KS-15513
→ Add. A462.027							Eagle Signal Corp. - Control Relay,
→ A462.027 CANCEL - SEE				040-669-701			KS-15519
A462.029 CANCEL - SEE				040-662-701			KS-14499
A462.030 CANCEL - SEE				040-672-701			Thermal Overload Relay - KS-15623
A462.036 CANCEL - SEE				040-674-701			Thermal Relays - KS-16022, KS-16195 and KS-16388 Types
A462.037 CANCEL - SEE				040-675-701			KS-16620, List 1, Relay

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SUB - DIVISION A468 THROUGH A488

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A468. SELECTORS - ROTARY TYPE							
Add. A468.002							200, 206, 209, and 211 Types and Banks - 10, 26, and 32 Type
A468.002 CANCEL - SEE	026	706	701				
A468.003 CANCEL - SEE	026	708	701				204 Type
Add. A468.004							Power Driven Rotary Selectors Together with Associated Banks
A468.004 CANCEL - SEE	026	740	701				
Add. A468.005							Rotary Switch - A.E. Co. 25 Point - Light Duty Type
A468.005 CANCEL - SEE	030	766	702				
A468.006 CANCEL - SEE	030	766	701				- (Used in Secondary Line Switch Allotter Circuits)
A470. SEQUENCE SWITCHES							
Add. A470.002							Spring Driven
A470.002 CANCEL - SEE	030	802	701				
Add. A470.003							A and B Types
A470.003 CANCEL - SEE	030	801	701				
A477. STEP - BY - STEP SELECTORS, CONNECTORS AND LINE FINDERS							
A477.002.1 CANCEL - SEE	030	705	701				Switches - 197 and 198 Types - General
Add. A477.002.2							Rotary Vertical, and Release Mechanisms
A477.002.2 CANCEL - SEE	030	705	702				
A477.002.3 CANCEL - SEE	030	705	703				- Contact Spring Assemblies
A477.002.4 CANCEL - SEE	030	705	704				- Banks, Commutators, Wipers, Jack Springs, and Switch Operation
A477.002.5 CANCEL - SEE	069	501	801				- Cleaning and Treating Switches, Banks, Commutators and Wipers
A477.002.6 CANCEL - SEE	030	705	706				Switches - 197 and 198 Types - Lubrication
A477.004 CANCEL - SEE	030	705	711				Side Switch (Part of Earlier 197 Type Switches)
A478. STEP - BY - STEP LINE AND MASTER SWITCHES							
A478.002 CANCEL - SEE	030	761	701				Switches - Plunger Type - Primary and Secondary Line Switches and Out-Trunk Switches
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A478. STEP - BY - STEP LINE AND MASTER SWITCHES (CONTINUED)							
Add. A478.003							Solenoid Type Master Switch
A478.003 CANCEL - SEE	030	762	701				
A488. TICKET DISTRIBUTING EQUIPMENT							
A488.000 PNEUMATIC TUBE TYPE							
→ Add. A488.001							Roller Receiving Valve per D-80134,
→ A488.001 CANCEL - SEE	211	135	701				Roller Receiving Valve per D-80134 Modified per D-98400 and Roller Receiving Valve per D-80134 Modified per ED-61355-01
→ A488.002 CANCEL - SEE	211	139	701				Hand Receiving Valve, D-79144 Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101159 - Removable Edge Sec- tion D-6491
→ A488.003 CANCEL - SEE	211	134	701				Roller Receiving Valve - 28A Valve
→ A488.004 CANCEL - SEE	211	137	701				Hand Receiving Valves (25- and 26- Type Valves) - Ticket Retainers (KS-15536, Lists 1, 2, 3, and 4) - Sending Valves (27-Type Valves) - Pressure Equalizers (No. 29A and A-102556 Valves) - Removable Edge Sections (No. 1A and 2A or 6A Sections)
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DIVISION A400 - APPARATUS REQUIREMENTS AND ADJUSTING PROCEDURES
SUB - DIVISION A490 THROUGH A493

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PWB	W-I	CODE	0	CODE	SUBJECT
A490. REQUIREMENTS AND ADJUSTMENTS BY TYPES OF CIRCUITS - TOLL SYSTEMS							
A490.000 TOLL CIRCUITS							
A490.001	CANCEL - SEE	211-214	702				Supervisory Relays - High Impedance Cord Circuits - Using Semi-Automatic Adjusting Circuit per SD-62136-01 - No. 1 Toll Switchboard
A490.002	CANCEL - SEE	211-214	701				- Using Manual Adjusting Circuit per SD-62145-01 - No. 1 Toll Switchboard
A490.003	CANCEL - SEE	211-214	703				D-C Supervisory Relays - High Impedance Cord Circuits - Using Semi-Automatic Adjusting Circuit per SD-64467-01 - No. 1 Toll Switchboard
A490.004	CANCEL - SEE	211-210	701				Cord Circuit D-C Supervisory Relays - Using 35 Type Test Set - No. 1 Toll Offices
A490.005	CANCEL - SEE	211-211	701				Cord Circuit A-C Supervisory Relays - Using A-C Relay and Signaling Test Set J68602AJ - No. 1 Toll Offices
A490.010	CANCEL - SEE	211-212	702				Supervisory Relays - Condenser Type Cord Circuits - Semi-Automatic Adjusting Circuit - No. 1 Toll Office
A490.011	CANCEL - SEE	211-212	701				- Manual Adjusting Circuit - No. 1 Toll Office
A490.019				CANCELLED			20 and 135-Cycle Terminal and Inter- mediate Ringers - Using A-C Relay and Signaling Test Set J68602AJ
A490.020				CANCELLED			Terminal and Intermediate Ringers Using No. 523A Test Panel
A490.021				CANCELLED			- Using No. 546A Test Panel
A490.022				CANCELLED			Types "A" and "B" Composite Ringers
A490.023				CANCELLED			20-Cycle Signaling Equipment - Test Circuit SD-61085-01 - No. 3 and No. 11 Toll Offices
A490.024				CANCELLED			135-Cycle Line Signaling Equipment Test Circuit SD-61085-01 - No. 3 and No. 11 Toll Offices
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COMPANY or AREA						
ISSUE - CODE						
SECTION NO.	ATT	PNB	W-I	CODE	O	CODE
SUBJECT						
A490.000 TOLL CIRCUITS (CONTINUED)						
A490.031				CANCELLED		1000-Cycle Line Signaling Equipment Using Test Circuit SD-61085-01 - No. 3 and No. 11 Toll Offices
→ A490.032				CANCELLED		1000-Cycle Ringers Using No. 513A Panel
A490.033				CANCELLED		1000-Cycle Two-Tube Ringers Using Test Circuit per SD-61389-01
A490.037				CANCELLED		- Using Test Circuit per SD-61041-02
A490.038				CANCELLED		- Using A-C Relay and Signaling Test Set J68602AJ
A490.041 CANCEL - SEE 211-255-701						Toll Line A-C Relays - Adjusting Circuit per SD-62259-01 - No. 1 Toll Office
A490.042 CANCEL - SEE 211-334-701						Pad Control Relays - Using Testing Circuit per SD-63958-01 - No. 3 and No. 11 Toll Offices
A490.103				CANCELLED		20-Cycle D-C and 135-Cycle C-D Sig- naling Circuits Using Test Circuits SD-62710-01 or SD-63670-01 - No. 3 and No. 11 Toll Offices
A490.104				CANCELLED		20, 135 and 1000-Cycle D-C Signaling Circuits Using A-C Relay and Sig- naling Test Set J68602AJ - No. 3 and No. 11 Toll Offices
A490.106				CANCELLED		20-Cycle D-C Signaling Circuits Using Test Circuit SD-62891-01 or SD-63671-01 No. 3 and No. 11 Toll Offices
A490.107				CANCELLED		135-Cycle D-C Signaling Circuits Using Test Circuit SD-62892-01 - No. 3 and No. 11 Toll Offices
A490.108				CANCELLED		1000-Cycle D-C Signaling Circuits Using Test Circuit SD-62711-01 or SD-62711-02 - No. 3 and No. 11 Toll Offices
A490.109				CANCELLED		20 and 135-Cycle Ringers and Signaling Circuits Using Test Panel J68602W
A490.121				CANCELLED		1000-Cycle Ringer-Oscillator - Using A-C Relay and Signaling Test Set J68602AJ
A490.122				CANCELLED		- Using Test Sets J68602AH and 35 Type
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COMPANY or AREA						
ISSUE - CODE						
SECTION NO.	ATT	FWB	W-I	CODE	0	CODE
A490.000 TOLL CIRCUITS (CONTINUED)						
→ Add. A490.152						1600- or 2000-Cycle Single-Frequency
→ A490.152 CANCEL - SEE	179	215	701			Signaling Circuits SD-55954-01 and SD-55954-02
→ Add. A490.154						- SD-56202-01
→ A490.154 CANCEL - SEE	179	217	701			
→ A490.156 CANCEL - SEE	179	310	701			2400- or 2600-Cycle-Frequency Sig- naling Circuit SD-56202-02
Add. A490.210 CANCEL - SEE	100	810	712			Wheatstone Bridge per KS-3011 - Used with Toll Testboards No. 4, 5, and No. 16
A490.210						
Add. A490.211 CANCEL - SEE	100	810	713			- Used with Toll Testboard No. 18B
A490.211						
A490.216 CANCEL - SEE	100	812	711			Wheatstone Bridge per KS-5588
Add. A490.701						106A1 Regenerative Repeater Using 119A
A490.701 CANCEL - SEE	034	141	701			Telegraph Signal Biasing Circuit
A490.702 CANCEL - SEE	034	140	701			102A1 Regenerative Repeater Using 119A
A490.801 CANCEL - SEE	040	231	711			Telegraph Signal Biasing Circuit
A490.802 CANCEL - SEE	040	231	712			Relays - 209FA, 209FB, 209FC, 209FG, 209FH, 209FJ, 215A, 215H, 228A, 255A and Modified 228A per D-169118 - Using the 111A1 or 111A2 Relay Test Panel
A490.804 CANCEL - SEE	040	231	716			Polar Relays - 209FA, 215A and 228A Using the 2A Relay Test Table
A490.813 CANCEL - SEE	040	011	711			Relays - 209FB, 209FC, 209FH, 209FJ, 215A, 215H and 255A Using the 116A1 Relay Panel
A491. REQUIREMENTS AND ADJUSTMENTS BY TYPES OF CIRCUITS LOCAL MANUAL SYSTEMS						
A491.000 NO. 1 OFFICES						
A491.001				CANCELLED		Supervisory Relays - Cord Circuits
App. A A491.001				CANCELLED		
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FNB	W-I	CODE	0	CODE	SUBJECT
A491.000 NO. 1 OFFICES (CONTINUED)							
A491.002				CANCELLED			Line Relays-Subscribers' Line Circuits
App. A A491.002				CANCELLED			
A491.003				CANCELLED			Cut-Off Relays - Subscriber Line Circuits
A491.004				CANCELLED			Trip Relays
A491.100 NO. 1C OFFICES							
App. A491.102				CANCELLED			Electrical Requirements - Line Relays
App. A491.103				CANCELLED			- Cut-Off Relays
A491.200 NO. 1D OFFICES							
App. A491.202				CANCELLED			- Line Relays
App. A491.203				CANCELLED			- Cut-Off Relays
A491.500 NO. 10 OFFICES							
A491.501	2	2	2	A13	NS		D-C Supervisory Relays - Cord Circuits - No. 1-D and No. 10 Switchboards
A491.502	2	2	2	A13	NS		Subscriber Line Circuit Relays
A491.600 NO. 11 OFFICES							
A491.604	2	2	2	A13	NS		Trip Relays
A492. REQUIREMENTS AND ADJUSTMENTS BY TYPES OF CIRCUITS - DIAL SYSTEMS							
A492.500 PANEL OFFICES							
A492.504 CANCEL - SEE	215	121	501				Trip Relays
A492.700 STEP - BY - STEP OFFICES							
A492.708 CANCEL - SEE	040	012	711				Pulse Repeating Relays - Pulse Repeating Requirements (Local System Requirements)
A492.852 CANCEL - SEE	218	760	701				Electron Tube Receiver Circuit SD-26118-01 (For Coin Control and Ringing Signal Detection) - Adjusting Procedure Using the No. 72A Frequency Meter SD-59373-01 (J64072A) No. 5 Crossbar Offices

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FNB	N-I	CODE	0	CODE	
A493. REQUIREMENTS AND ADJUSTMENTS BY TYPES OF CIRCUITS - COMMON SYSTEM							
A493.001	CANCEL - SEE	040	231	713			Relays - Nos. 209FA and 209FD - Using Test Circuit per SD-90411-01
A493.002	CANCEL - SEE	040	231	719			Relays - 209FF, 209FK, 209FL and 209FM - Using Test Circuit SD-96121-01 or SD-25274-01
A493.051	CANCEL - SEE	040	013	711			Relays - Timing Requirements for Application Where Circuit Requirement Tables Do Not Show Timing Requirements
Add. A493.052	CANCEL - SEE	040	267	711			280 Type Relays - Replacement of 206 and 239 Type Relays
A493.052							
A493.053	CANCEL - SEE	040	273	711			287- and 288-Type Relays - Replacement of 245-, 254, 263-, and 264-Type Relays
Add. A493.101							
A493.101	CANCEL - SEE	026	706	711			200- and 206-, 209-, and 211-Type Selector Voltage Tests Using SD-90013-01 (J94706) Selector Test Set
Add. A493.102							
A493.102	CANCEL - SEE	026	706	712			- Using No. 35D or 35F Test Set or Voltmeter
Add. A493.151							
A493.151	CANCEL - SEE	024	708	701			Cold Cathode Tubes - Using Test Set SD-96461-01 (J94731A)
Add. A493.152							
A493.152	CANCEL - SEE	024	707	701			- Using Test Set SD-25808-01 (J24754A)
A493.153	CANCEL - SEE	032	160	701			Varistors - 400 Type - Using KS-12054 Test Set
A493.154	CANCEL - SEE	024	706	701			313-Type Cold-Cathode Tubes Using Test Circuit SD-68204-01 No. 4, A4A, 4A, and 4M Toll Switching Systems
A493.156	CANCEL - SEE	100	634	501			Western Electric Electron Tube Test Data - KS-15559 L1 Tube Tester
A493.157	CANCEL - SEE	100	634	502			Non-Western Electric Electron Tube Test Data KS-15559 L1 Tube Tester
A493.158	CANCEL - SEE	100	635	501			Western Electric Electron Tube Test Data - KS-15560, Lists 1 and 2 Tube Tester
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A493. REQUIREMENTS AND ADJUSTMENTS BY TYPE OF CIRCUITS - COMMON SYSTEMS (CONTINUED)							
A493.159	CANCEL	- SEE	100-635	502			Non-Western Electric Electron Tube Test Data - KS-15560 L1 and L2 Tube Testers
A493.161	CANCEL	- SEE	100-640	501			Non-Western Electric Electron (Vacuum) Tube Test Data - Hickok Model 530B (KS-8235) Tube Testers
A493.163	CANCEL	- SEE	100-633	501			- Hickok Model 531 (KS-13588-L1) and Modified 530B (KS-13725-L1) Tube Testers
A493.164	CANCEL	- SEE	100-630	501			Western Electric Electron (Vacuum) Tube Test Data - KS-5727-L1 Hickok Tube Tester
A493.165	CANCEL	- SEE	100-630	502			Non-Western Electric Electron (Vacuum) Tube Test Data - KS-5727 L1 Tube Tester
A493.166	CANCEL	- SEE	100-636	501			Western Electric Electron (Vacuum) Tube
A493.167	CANCEL	- SEE	100-636	502			Non-Western Electric Electron Tube Test Data - KS-15750 L1 Tube Tester
Add. A493.210	CANCEL	- SEE	100-810	711			Wheatstone Bridge per KS-3011 Used with Local Test Desk No. 14 or Cable Test Desk No. 2 or No. 3
A493.210							
→ A493.251	CANCEL	- SEE	179-612	701			MF Signaling Receiving Circuit SD-95536-01 Adjusting Procedure Using Adjusting Circuit SD-95664-01
→ A493.255	CANCEL	- SEE	179-612	702			- Using Adjusting Circuit SD-95779-01
→ A493.256	CANCEL	- SEE	179-610	701			MF Signaling Receiving Circuit SD-95087-01 - Adjusting Procedure Using 1000-Cycle Tone
A493.261	CANCEL	- SEE	034-353	701			KS-16534 Recorder-Reproducer and Associated Audio Facilities
A493.301	CANCEL	- SEE	034-306	501			Test of KS-13882 Lists 1 and 2 Per- forators - Using the Perforator and Reader Test Circuit SD-95497-01
A493.302	CANCEL	- SEE	034-335	501			Test of KS-13835 Lists 1, 2, 3 and 4 Readers - Using Perforator and Reader Test Circuit SD-95497-01

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A493. REQUIREMENTS AND ADJUSTMENTS BY TYPES OF CIRCUITS - COMMON SYSTEMS (CONTINUED)							
A493.303 CANCEL - SEE	034	306	502				Check of KS-13882, Lists 1, 2 and 3 Perforator Requirements - Using the Perforator and Reader Test SD-40040-01
A493.304 CANCEL - SEE	034	335	502				Check of KS-13835, Lists 1, 2, 3, 4, 5, and 6 Reader Requirements - Using Perforator and Reader Test Circuit SD-40040-01
A493.311 CANCEL - SEE	179	515	701				Dual Channel Receiver Circuit SD- 95956-01 (For Coin Control and Ringing Signal Detection) Adjusting Procedure Using the 72A Frequency Meter SD-59373-01 (J64072A)
→ A493.315 CANCEL - SEE	103	343	701				24B Loop Checker Generator - Adjusting Procedures
→ A493.316 CANCEL - SEE	103	344	701				24C Loop Checker Generator - J94024C - Adjusting Procedures
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A495. MISCELLANEOUS							
A495.100 ACCOUNTING CENTER							
A495.121 CANCEL - SEE 213-115-501							Test of AMA Teletypewriter - Using Printer and Distributor Test Circuits
A499. MISCELLANEOUS							
Add. A499.011 LL CANCEL - SEE 104-410-500 LL							ED-63965-01 and ED-59149-01 Frequency Meter Cavity Assembly
A499.011 LL CANCEL - SEE 104-410-500							ED-63965-01 and ED-59149-01 Frequency Meter Cavity Assembly
Add. A499.015 LL			A	A	A	E12	KS-9943 or KS-13482 Capacitors - Preventive Maintenance TD-2 Systems
A499.015 LL			C	C	C	"	
→ A499.016 LL CANCEL - SEE 161-371-701 LL							Waveguide Clamp Assembly ED-63999-01
→ A499.018 LL CANCEL - SEE 161-370-901 LL							Wave Guide Pressure System - Using the KS-16001 or KS-16153 Dehydrator
→ A499.021 LL CANCEL - SEE 159-499-902 LL							1/3 and 1/4 H.P. Motors Type RA - Western Electric Company
Add. A499.024 LL			A	A	A	"	KS-14190 and KS-14191 Attenuators
A499.024 LL			A	A	A	"	
A499.025 PN			A	A	NS		223-Type Coaxial Switch
A499.025 LL			C	C	C	"	223-Type Coaxial Switches
A499.130 PN			1	1	NS		N1 - Carrier-Motors for Temperature Control Equipment
A499.621 PN			A	A	A	"	Type Used in Lenkurt Carrier

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A500 - WORK ITEMS

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SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A501. POWER EQUIPMENT - REPLACEMENT PARTS AND PROCEDURES							
A501.000 BATTERIES							
Add. A501.001 CANCEL - SEE	157	620	801				Storage Batteries - Open Type
A501.001							
A501.003 CANCEL - SEE	157	621	801				Enclosed-Type - Lead-Acid Batteries
A501.010		1	1	A10,E13	NS		Dry Batteries
A501.020		NS					Caustic-Soda Batteries
A501.100 MOTORS AND GENERATORS							
Add. A501.101 CANCEL - SEE	155	512	801				Commerical Type Charging Generators
A501.101							
Add. A501.102 CANCEL - SEE	155	505	801				Generators - Type "M"
A501.102							
Add. A501.105 CANCEL - SEE	155	405	801				- Ringing and Coin Control
A501.105							
Add. A501.106 CANCEL - SEE	155	410	801				- Ringing and Coin Control - Com-
A501.106							mercial Type
A501.107 CANCEL - SEE	155	612	801				Charging Sets - Diverter Pole Type
Add. A501.108 CANCEL - SEE	163	720	801				KS-15532 Ringing Machine
A501.108							
A501.109 CANCEL - SEE	155	108	801				AC-DC Motor Alternators - KS-5654-01
A501.110 CANCEL - SEE	155	105	801				Alternators - Commercial Type
A501.115 CANCEL - SEE	163	704	801				Ringing Machines - Small Capacity -
							KS-5510, KS-5546 and KS-5659
Add. A501.116 CANCEL - SEE	155	605	801				Motor-Generator Sets - 135-Cycle
A501.116							Signaling, 10.5 and 40 Watt
Add. A501.120 CANCEL - SEE	155	608	801				Motor-Generator Sets - 1000-Cycle
A501.120							Signaling
Add. A501.121 CANCEL - SEE	163	702	801				G.E. Co. Ringing Machine - 1/2 Ampere -
A501.121							20-Cycle
A501.122 CANCEL - SEE	163	701	801				Holtzer-Cabot One-Half Ampere Ringing
							Machine
→ Add. A501.124 CANCEL - SEE	155	307	801				Tone Alternator
A501.124							
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A501.100 MOTORS AND GENERATORS (CONTINUED)							
Add. A501.128 CANCEL - SEE 155-609-801 A501.128							1000-Cycle Machines - KS-5472 and KS-5472-01
A501.135 CANCEL - SEE 159-424-801							AC-DC Duplex Motors
Add. A501.141 CANCEL - SEE 159-416-801 A501.141							1/10 and 1/8 H.P. D-C Motors with Center Contact Speed Regulators
Add. A501.142 CANCEL - SEE 159-408-801 A501.142							1/30 H.P. - 110 Volt D-C Drive Motor for 5D and 6A Distributors
A501.145 CANCEL - SEE 159-480-701							Lubrication and Replacement of Tele- chron Motors
A501.149 CANCEL - SEE 159-462-801							Motor - KS-15609
A501.150 CANCEL - SEE 159-406-801							Induction Motors - Two and Three Phase
Add. A501.151 CANCEL - SEE 159-410-801 A501.151							Synchronous Motors
A501.154 CANCEL - SEE 163-320-801							Ringling Machines - QD-Type
A501.155 CANCEL - SEE 159-405-801							Direct Current - 1/4 Horsepower or Larger
A501.156 CANCEL - SEE 159-426-801							Gear Motor - Reversible AC Type - KS-5559
A501.158 CANCEL - SEE 159-431-801							KS-5773 Motor
A501.160 CANCEL - SEE 161-205-801							Inverted Converters - Janette Manu- facturing Company
A501.161 CANCEL - SEE 161-212-801							Inverters - KS-5717 and KS-5726
A501.162 CANCEL - SEE 161-230-801							Inverter - KS-15511
A501.164 CANCEL - SEE 163-530-501							KS-15804 Ringling Machine
A501.170 CANCEL - SEE 155-110-801							Motor-Driven Emergency Alternators KS-5715
A501.171 CANCEL - SEE 159-490-801							Dynamotor - KS-15632
A501.172 CANCEL - SEE 155-112-801							Motor Alternators - KS-15520 and KS-15626
A501.174 CANCEL - SEE 161-452-801							- For KS-15553, Etc.

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A 501. 100 MOTORS AND GENERATORS (CONTINUED)							
A501.175	CANCEL	- SEE	155-614-801				Motor Alternators (Cont'd) - Motor Generators - KS-5668-02 and KS-15834
A501.176	CANCEL	- SEE	155-625-801				- KS-15839 and KS-15842
A501.177	CANCEL	- SEE	155-425-801				Motor-Driven Generators - Ringing and Coin Control - KS-15816
A 501. 200 ENGINES AND ENGINE SETS							
Add. A501.201	CANCEL	- SEE	159-110-801				Buffalo Type "R" Gasoline Engines
A501.201							
Add. A501.203	CANCEL	- SEE	155-514-801				Buffalo Type "BA" Engine-Generator Sets
A501.203							
Add. A501.204	CANCEL	- SEE	159-108-801				Buffalo Type "ATT" Gasoline Engines
A501.204							
A501.207	CANCEL	- SEE	155-120-801				High Speed Gasoline Engines - Driving Alternators - BTU, L525, WXL3 Type - KS-5467 - KS-5508
A501.208	CANCEL	- SEE	159-115-801				- Hercules Types
A501.211	CANCEL	- SEE	155-122-801				Portable Gasoline Engines - Schramm Type, KS-5518
A501.217	CANCEL	- SEE	155-520-801				Engine-Generator Set - 1.5 KW Delco
Add. A501.221	CANCEL	- SEE	155-516-801				- 1.5 KW Westinghouse - Kerosene
A501.221							
A501.222	CANCEL	- SEE	155-525-801				Engine Generators - KS-5630 - Kerosene 1.5 KW
A501.224	CANCEL	- SEE	155-167-801				Engine-Alternator - KS-15650 Gasoline 5 KW
A501.225	CANCEL	- SEE	159-180-801				Engine Sets - Gasoline - Automatic - KS-5525 - 5 and 6 KW A-C and 12 KW A-C
A501.226	CANCEL	- SEE	155-124-801				Engine Alternator - KS-5565 Gasoline 10 KW - United States Motors Corporation
A501.227	CANCEL	- SEE	155-126-801				- KS-5565 Gasoline 10 KW - D.W. Onan and Sons, Incorporated
A501.229	CANCEL	- SEE	155-132-801				Engine Alternator Set - 5 KVA - 4 KW - Onan KS-5602, List 01
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A501. 200 ENGINES AND ENGINE SETS (CONTINUED)							
A501.230	CANCEL - SEE	159-110-811					Gasoline Engine Radiator Units - Buffalo Type "R"
Add. A501.231	CANCEL - SEE	065-305-301					Anti-Freeze Solutions for Reserve Engine Cooling Systems and Treatment for Rust
A501.231							
Add. A501.232	CANCEL - SEE	155-128-801					Engine-Alternators KS-5574 Diesel 10, 30, 40, 60 KW
A501.232							
A501.234	CANCEL - SEE	155-128-802					- Diesel - KS-5574-01, -20 KW
A501.235	CANCEL - SEE	155-128-803					- Diesel - KS-5574-01, -30, -40, and -60 KW
A501.238	CANCEL - SEE	155-172-800					- KS-15717 Diesel 10 KW
A501.240	CANCEL - SEE	155-134-801					Alternator-Gasoline Automatically Controlled - KS-5636 - List 1 - 20 KW AC - Single Phase Using 16-Volt Battery for Starting and Control
A501.243	CANCEL - SEE	155-176-802					Engine-Alternators - Diesel Manually Controlled - KS-15884 - 45, 60 and 100 KW
A501.244	CANCEL - SEE	155-178-802					- Diesel Automatically Controlled - KS-15890, 45, 60 and 100 KW
A501.258	CANCEL - SEE	155-174-801					Engine Alternator - Diesel Auto Controlled - KS-15777 L21, L22, L31, and L32 - 500 KW
A501.259	CANCEL - SEE	155-174-802					- KS-15777 L23, L24, L33 and L34 - 500 KW
A501.260	CANCEL - SEE	155-176-801					- Diesel Manually Controlled - KS-15884 - 30 KW
A501.261	CANCEL - SEE	155-178-801					- Diesel Automatically Controlled KS-15890 - 30 KW
A501.262	CANCEL - SEE	155-180-801					- Diesel Manually Controlled KS-15899, L1, L2, L11 and L12 - 350 KW
A501.263	CANCEL - SEE	155-180-802					- Diesel Automatically Controlled KS-15899, L3, L4, L13 and L14 - 350 KW
A501.270	CANCEL - SEE	155-115-801					Alternator and Voltage Regulator - KS-15844

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A501.200 ENGINES AND ENGINE SETS (CONTINUED)							
→ A501.271 CANCEL - SEE	155	113	801				Alternators with Compensating and Tap Ckts - KS-15823 - Replacement Parts and Procedures
A501.300 RECTIFIERS							
→ A501.302 CANCEL - SEE	169	210	801				Rectifiers - Electron Tube Type - Unregulated and Manually Regulated - (Formerly Tungar Rectifiers)
→ Add. A501.314 CANCEL - SEE	169	612	811				Rectifier Stacks and Rectifier Baskets of KS-5651, KS-5651-01, KS-5651-02, KS-15689, and J86239A Rectifiers
→ A501.314							
→ A501.316 CANCEL - SEE	169	215	801				Rectifier Stacks Used in Lorain Products Corporation - T603B1 Power Supply and J86256 Metallic - and Semiconductor-Type Rectifiers - Replacement Parts and Procedures
→ A501.399		A	NS		A	E12	Mercury Arc - Westinghouse
A501.400 INTERRUPTERS AND ANNOUNCEMENT EQUIPMENT							
→ Add. A501.401 CANCEL - SEE	163	600	801				Interrupters - 84 Type
→ A501.401							
→ A501.402 CANCEL - SEE	163	781	801				Four Cycle Motor-Driven Pole Changer
→ A501.403 CANCEL - SEE	163	780	801				KS-5068 Interrupter (4 Cycle Pole Changer Driven by AC Motor)
→ Add. A501.410 CANCEL - SEE	163	602	801				Interrupters - 153 Type
→ A501.410							
→ Add. A501.422 CANCEL - SEE	163	607	801				- Precision Type
→ A501.422							
→ A501.425 CANCEL - SEE	163	675	811				Motor-Driven Interrupters and Tone Machines KS-5131, KS-5132, KS-5187, KS-5188, KS-5313, KS-5458, KS-5545, KS-15547
→ A501.426 CANCEL - SEE	163	650	801				Interrupters - Rotary Mercury Type
→ Add. A501.427 CANCEL - SEE	163	630	801				KS-5746 Interrupters
→ A501.427							
→ Add. A501.429 CANCEL - SEE	163	220	801				Interrupters - KS-15634 and KS-15757 Type
→ A501.429							
→ Add. A501.430 CANCEL - SEE	161	705	801				Call Announcer Machines - Film Type
→ A501.430							
A501.499		A		CANCELLED			Piece-Part Data - 20-Cycle Pole Changer - North Electric
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A501.500 POWER PANELS AND CONTROL EQUIPMENT							
A501.503	CANCEL - SEE	024-460	801				Voltage Regulators - A-C and D-C Automatic Rotating Cam Types
A501.506	CANCEL - SEE	026-380	801				Manual-Type AC Starters - General Electric Company
A501.507	CANCEL - SEE	026-305	801				KS-5311 Motor Starting Compensators
A501.510	CANCEL - SEE	030-741	801				Contactor Type Palmer Master Switches
Add. A501.513							Voltage Controllers - KS-5016, KS-5117, KS-5374, KS-5519
A501.513	CANCEL - SEE	024-350	801				Emergency Lighting Relay Switches
Add. A501.515							Relays, Automatic Reverse Current
A501.515	CANCEL - SEE	030-742	801				Contactors - KS-5323, KS-5323-01, KS-5694, and KS-15572
A501.518	CANCEL - SEE	040-630	801				Automatic Reverse Current Relays - KS-5323-01 and KS-15572
A501.519	CANCEL - SEE	026-350	801				Transfer Switches and Control Relays - Electrically Operated
A501.520	CANCEL - SEE	040-631	801				I.T.E. Circuit Breakers
A501.521	CANCEL - SEE	040-634	801				Voltage Regulator - Centrifugal Type - Automatic
A501.525	CANCEL - SEE	026-306	801				A-C Power Failure Control Motor
Add. A501.530							Autotransformer Type Starters - Allen Bradley Co.
A501.530	CANCEL - SEE	024-462	801				Manually operated Rheostats - Steel Plate and Carbon Pile Types, Replacement Parts and Procedures
→ A501.535	CANCEL - SEE	159-422	801				Motor-Driven Rheostats
A501.537	CANCEL - SEE	026-343	801				Autotransformers
A501.541	CANCEL - SEE	028-721	801				Circuit Breakers - KS-15910
A501.542	CANCEL - SEE	028-722	801				Control Relays KS-15517 and KS-15726
A501.544	CANCEL - SEE	028-705	801				Contact Making Ampere Hour Meters
A501.547	CANCEL - SEE	026-315	801				
A501.558	CANCEL - SEE	040-667	801				
A501.561	CANCEL - SEE	100-505	801				

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A501. 500 POWER PANELS AND CONTROL EQUIPMENT (CONTINUED)							
A501.563	CANCEL - SEE	100	501	801			KS-14399 Contact-Making Ampere-Minute Meter
A501.566	CANCEL - SEE	040	666	801			Relays - KS-15516
A501.567	CANCEL - SEE	040	669	801			KS-15519 Control Relays
A501.568	CANCEL - SEE	040	641	801			Double Coil, Multicontact Control Relay KS-5639
A501.569	CANCEL - SEE	040	670	801			Control Relays - KS-15528 and KS-15756
→ A501.572	CANCEL - SEE	171	115	501			Checking Load on Individual Leads
A501.579	CANCEL - SEE	026	360	801			Contactors - KS-15514 and KS-15934
A501.582	CANCEL SEE	024	345	801			KS-5755 Controller and KS-15868 Starter
A501.586	CANCEL - SEE	026	392	801			Air Starting Equipment - KS-15777, L51 and L52
A501.590	CANCEL - SEE	040	810	801			Struthers - Dunn Relays Having no KS-Designations
A501.591	CANCEL - SEE	040	804	801			Automatic Switch Company Relays - Having no KS-Designation - Replacement Parts and Procedures
A501. 700 PANEL DRIVE EQUIPMENT							
→ Add. A501.701	CANCEL - SEE	159	735	801			Vertical Drive Shafts and Associated Apparatus
→ A501.701							
→ Add. A501.711	CANCEL - SEE	159	720	801			Friction Roll Drives and Associated Brackets
→ A501.711							
→ Add. A501.712	CANCEL - SEE	159	725	801			Gear Reduction Drives - Horizontal Connecting Shafts and Associated Bearings and Brackets
→ A501.712							
→ A501.713	CANCEL - SEE	159	705	801			16A Drives
→ A501.714	CANCEL - SEE	159	706	801			16C and D-78675 Drives
A501. 900 MISCELLANEOUS POWER EQUIPMENT							
→ Add. A501.903	CANCEL - SEE	161	405	801			Centrifugal Exhauster Sets
→ A501.903							
→ Add. A501.904	CANCEL - SEE	161	408	801			Sturtevant Exhauster Sets
→ A501.904							
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A501.900 MISCELLANEOUS POWER EQUIPMENT (CONTINUED)							
→ A501.905 CANCEL - SEE	171	110	801				Resurfacing Commutators and Collector Rings
→ Add. A501.906 CANCEL - SEE	171	110	802				Brush Replacements for Rotating Machines
→ A501.906							
→ A501.907 CANCEL - SEE	161	352	801				Compressor-Dehydrator, KS-16321, List 1 Dehydrator, KS-16321, List 2
→ Add. A501.909 CANCEL - SEE	161	350	801				- KS-14155, List 1 and Dehydrator KS-14155, List 2
→ A501.909							
→ A501.910 CANCEL - SEE	161	330	801				Compressor Set - KS-14514, List 1
→ Add. A501.911 CANCEL - SEE	161	320	801				De Vilbiss Compressor Set - KS-7491, List 1 (AC)
→ A501.911							
→ A501.913 CANCEL - SEE	161	412	801				Portable Exhauster Set - KS-8430 (With and Without Extension Collar - KS-14458)
→ A501.914 CANCEL - SEE	161	430	801				Exhauster - KS-14426, List 1
→ A501.916 CANCEL - SEE	161	370	801				KS-16001 Dehydrator
→ Add. A501.918 CANCEL - SEE	161	470	801				KS-5794 Air Blower Tube Cooling System - TD-2 Radio Relay System
→ A501.918							
→ A501.921 CANCEL - SEE	161	372	801				KS-16153 Dehydrator
→ A501.922 CANCEL - SEE	161	374	801				KS-16468 Dehydrator
→ A501.924 CANCEL - SEE	161	475	801				KS-16616 Air Filter
→ A501.925 CANCEL - SEE	167	790	811				Reconditioning Telephone Power Plant Equipment After Water Damage
→ A501.929 CANCEL - SEE	161	305	801				Air Dryer KS-16432, List 1
→ A501.930 CANCEL - SEE	161	307	801				- KS-16523, List 1
A502. GENERAL - COMMON TO ALL OFFICES							
A502.000 CURRENT WORK ITEMS							
Sup. Add. A502.001 CANCEL - SEE	069	120	801				Distributing Frame Cross Connections - General
Add. A502.001							
A502.001							
A502.002	1	NS					Connecting All-Trunks-Busy Registers - Manual Central Offices
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ISSUE - CODE							
SECTION NO.	ATT	PMB	W-I	CODE	0	CODE	SUBJECT
A502.000 CURRENT WORK ITEMS (CONTINUED)							
Add. A502.003	2			CANCELLED			Distributing Frame Cross Connections -
A502.003	3			CANCELLED			No. 12 Offices
Add. A502.005	CANCEL - SEE	069-140	811				Soldered Connections - Method of
A502.005							Making and Removing - Using Soldering
							Coppers
A502.007	CANCEL - SEE	069-130	811				Method of Connecting Wires to Split
							Terminals
A502.008	CANCEL - SEE	069-141	811				Soldering Strap Wires - 300 and Simi-
							lar Type Switches and 245 and Similar
							Type Relays
Add. A502.009	CANCEL - SEE	069-132	811				Punched Type or Wire-Type Terminals
A502.009							(Not having notches or perforations)
							Method of Making and Removing
							Wrapped Connections
Add. A502.010				CANCELLED			Distributing Frame Protection - Placing
A502.010	CANCEL - SEE	201-206	301				and Maintaining Blocks and Heat
							Coils
Add. A502.011	CANCEL - SEE	069-120	803				P.B.X. Battery Feeders - "B" Type
A502.011							Main Distributing Frames and Com-
							bined Distributing Frames
Add. A502.012	CANCEL - SEE	069-120	804				P.B.X. and Station Ringing Supply
A502.012							Feeders - "B" Type Main Distri-
							buting Frames
Add. A502.014	CANCEL - SEE	069-133	801				Straps and Cross Connections -
A502.014							Solderless Wrapped Connections
A502.016	CANCEL - SEE	032-501	801				Placing Switchboard Lamps
A502.017	CANCEL - SEE	032-322	811				Procedures for Installing Nos. 1A, 2A
							and 4A Cushions on Switchboard
							Cords
A502.018	CANCEL - SEE	032-771	811				Installation of Fibre Key Shields
→ A502.023	CANCEL - SEE	065-125	801				Maintenance Brackets ED-63343-01 for
							Supporting Equipment Units
A502.028	CANCEL - SEE	218-700	301				Mounting and Removing Molded Covers
							per ED-26560-01 on Frames in No. 5
							Crossbar Offices

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	ATT	PWB	W-I	CODE	0	CODE	
A 502.000 CURRENT WORK ITEMS (CONTINUED)							
A502.029	CANCEL - SEE	040	275	811			Method of Removing and Mounting 289-, 290-, and 293-Type Relays (Dry-Reed Type)
A502.030	CANCEL - SEE	028	360	821			Wrapping Operator's Telephone Sets
A502.031	CANCEL - SEE	069	020	801			Blocking of Apparatus and Insulation Contacts
A502.032	CANCEL - SEE	028	360	812			No. 52A and 52B Head Telephone Sets - Modification to provide a Rotation Stop Bar
A502.035	CANCEL - SEE	069	120	811			Skinning and Preparing Wire Used for Cross Connections on Distributing Frames and Cross Connection Fields
A502.036	CANCEL - SEE	069	131	811			Method of Making Test Connections to Apparatus
A502.037	CANCEL - SEE	032	140	811			Mounting 18- and 19-Type Resistors
A502.038	CANCEL - SEE	028	310	811			Procedures for Cording Operator's Dials and Associated Dial Mountings
A502.039	CANCEL - SEE	030	311	811			Method of Mounting KS-16493 Magnetic Counter in Place of KS-14359 Mag- netic Counter
A502.041	CANCEL - SEE	075	140	301			Filling of Grease and Oil Guns
Add. A502.043 A502.043	CANCEL - SEE	069	100	811			Cables - 720 and 721 Types - Protection of Insulation
A502.045	CANCEL - SEE	030	114	811			Positioning and Setting KS-14156, Lists 13, 14, and 15 - Switchboard Position Clock
Add. A502.046 A502.046	CANCEL - SEE	102	505	801			Traffic Recording Ammeters - Lubri- cating, Cleaning, Replacements and Other Work Operations
A502.047	CANCEL - SEE	032	325	801			Mounting and Use of P-15A417 Cord Holder on Crossbar Switches
A502.051	CANCEL - SEE	024	720	801			Filament Circuit Adjustment-Reference Voltage and Reference Current Methods
A502.052	CANCEL - SEE	332	103	502			Adjustment of Battery Supply Circuits per SD-95113-01 (Heater Circuits for J68647A Amplifiers) - (Used in V3 Repeaters)

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ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	O	CODE	SUBJECT
A502.000 CURRENT WORK ITEMS (CONTINUED)							
Add. A502.053							Method of Handling Specially Marked
A502.053 CANCEL - SEE	024	700	801				Cold Cathode Electron Tubes Contain- ing Radium Bromide
A502.056 CANCEL - SEE	024	709	801				Cold Cathode Tubes - Method of Handling Tubes Not Specially Marked
A502.069 CANCEL - SEE	067	105	202				Line Concentrator No. 1A - Installa- tion and Removal of Control Unit
Add. A502.070							Test and Inspections at Time of In- stallation - Line Concentrator- Identifier System Applied to Tele- phone Secretarial Service
A502.070 CANCEL - SEE	067	103	501				
A502.071 CANCEL - SEE	034	310	811				Handling and Splicing AMA Perforator Tape
A502.072 CANCEL - SEE	034	305	811				Storing and Handling of Cards for KS-13834 Perforator (Trouble Re- corder)
A502.076	1	1	1	A3,E13	1	A3	Pl Carrier Telephone System - Central Office Terminal Installation
A502.091		B	B	A10,E13	NS		Special Safeguarding Measures
A502.097		B	B	A10,E13	B	A1,5	Temporary Disconnection of Service for Vacation Rate - Dial Offices
A502.098		C	C	A10,E13	C	"	Temporary Disconnection of Service for Non-payment
A502.099		D	D	A10,E13	NS		Strapping and Cross Connections - Wiring and Cable
A502.200 MODIFICATIONS AND IMPROVEMENTS TO EQUIPMENT							
A502.201 CANCEL - SEE	040	277	801				Flexible Stop Springs for Gravity Type Relays
A502.203 CANCEL - SEE	040	220	811				Flexible Bonding Straps for Nos. 114-, 124-, 126-, 174-, and 198-Type Relays
A502.204 CANCEL - SEE	040	230	811				Flexible Bonding Straps for No. 208 Type Relays
A502.208 CANCEL - SEE	040	014	811				Relays - Application of Paper Armature Stops, Backstops, and Separators - List of Relays
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FNB	W-I	CODE	O	CODE	
A502. 200 MODIFICATIONS AND IMPROVEMENTS TO EQUIPMENT (CONTINUED)							
A502.231	CANCEL	- SEE	040-231-811				Relays - 209, 215, 228 and 255 Types and D-160118 - Remagnetization of Permanent Magnets - Using the No. 520A Tool
A502.234	CANCEL	- SEE	040-664-811				Time Delay Relay, MS-15513 - Westinghouse Electric Corp. - Modifications to Provide an Oiling Device
Add. A502.241							Vacuum Tube Heater Circuit Adjustment for 9-Volt Operation
A502.241	CANCEL	- SEE	024-721-801				
A502.246	CANCEL	- SEE	030-140-811				1-Type Timers-Conversion of Associated 51- and 52-Type Drives From 5- to 14-Minute Operation
A502.250	CANCEL	- SEE	030-787-801				Special Cam Cutting and Provision of Dynamic Braking for MS-5502 Emergency Cell Switch Motor
→ Add. A502.256	CANCEL	- SEE	169-603-816				Modification on J86207P, J86207B,
→ A502.256							J86263A, and J86263B Rectifiers
A503. CLEANING - COMMON TO ALL OFFICES							
A503.000 COMMON TO ALL OFFICES							
Add. A503.051	CANCEL	- SEE	069-305-301				General Cleaning of Equipment -
A503.051							Dusting and Washing Operations
A503.100 DISTRIBUTING FRAMES, CABLING AND WIRING							
A503.101	CANCEL	- SEE	069-315-801				Heat Coil and Protector Spring Con-
							tacts
A503.200 FRAMES, RACKS AND FUSE PANELS							
A503.255	CANCEL	- SEE	069-603-801				Cleaning Equipment Frames - By Means
							of Compressed Air - Panel Offices -
							Local and Tandem
A503.256	CANCEL	- SEE	069-503-801				Cleaning Equipment Frames - By Means
							of Compressed Air - Step-by-Step
							Offices
A503.257.1	CANCEL	- SEE	069-703-801				- Crossbar Offices - General
A503.257.2	CANCEL	- SEE	069-703-802				- No. 1 Crossbar and Crossbar Tandem
							Offices
A503.257.3	CANCEL	- SEE	069-703-803				- No. 5 Crossbar Offices
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SECTION NO.	ATT	PTB	W-I	CODE	0	CODE	SUBJECT
A503.200 FRAMES, RACKS AND FUSE PANELS (CONTINUED)							
A503.257.4	CANCEL	- SEE	069-703-804				- No. 4, A4A, 4A, and 4M Toll Switching Systems
A503.300 SWITCHBOARD EQUIPMENT							
Add. A503.305	CANCEL	- SEE	069-380-811				Cleaning and Polishing Plugs - Using Portable Plug Cleaner
A503.305							- Using Cotton Sleeving
Add. A503.306	CANCEL	- SEE	069-380-812				Cleaning Switchboard Plugs Using the No. 497A or No. 497B Tool
A503.306							Cleaning Flares of Jacks
Add. A503.307	CANCEL	- SEE	069-380-813				Remove Foreign Materials from Switchboard Jacks - Using Tool Kit per KS-6527
A503.307							Operator's Telephone Set Jacks - Cleaning Procedures
A503.311	CANCEL	- SEE	069-387-801				Cleaning Switchboard Equipment - General Cleaning
→ A503.312	CANCEL	- SEE	201-711-301				Cleaning and Reconditioning Similar Contacts on Other Apparatus Except Keys and Jacks
Add. A503.313	CANCEL	- SEE	069-388-801				Cleaning and Treating Contacts of North Electric Multicontact Relays
A503.313							Cleaning Key and Jack Contacts
A503.351	CANCEL	- SEE	069-379-801				Stud-Type Rotary Switches, Attenuators, Potentiometers, and Rheostats - Procedures for Cleaning and Treatment
A503.600 SPECIFIC TYPES OF APPARATUS							
Add. A503.605	CANCEL	- SEE	069-306-801				Slide Wire Apparatus - Cleaning and Lubricating Procedures
A503.605							Procedures for Cleaning - 5 and 12 Type Registers
A503.607	CANCEL	- SEE	069-307-801				Sequence Switches and 157-Type Interrupters - Scrubbing and Scouring Cams
Add. A503.608	CANCEL	- SEE	069-386-801				
A503.608							
A503.611	CANCEL	- SEE	069-321-801				
Add. A503.612	CANCEL	- SEE	069-365-801				
A503.612							
A503.615	CANCEL	- SEE	069-360-801				
A503.624	CANCEL	- SEE	069-601-801				

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SECTION NO.	ATT	FWB	W-I	CODE	O	CODE	SUBJECT
A503. 600 SPECIFIC TYPES OF APPARATUS (CONTINUED)							
A503.626 CANCEL - SEE	069	330	801				Cleaning and Treatment - Rotors and Associated Banks of 200 and 206 Type Selectors and 25 Point Rotary Switches
A503.627 CANCEL - SEE	069	331	801				Cleaning and Treating 204 Type Selector Bank Contacts and Associated Wipers - Telegraph and Toll Equipments
A503.631 CANCEL - SEE	069	610	801				Panel Commutators and Commutator Brushes - Procedure for Cleaning and Treatment
Add. A503.638 CANCEL - SEE A503.638	069	605	801				Panel Multiple Bank Terminals - Associated Multiple Brushes and Guide Combs - Cleaning and Treating
A503.641 CANCEL - SEE	069	605	803				Panel Multiple Banks - Cleaning and Treating Terminals and Cleaning Multiple Brushes and Comb Guides
A503.654 CANCEL - SEE	069	501	802				Removal of Lateral Silver Migration Deposits and Carbonization from Banks associated with 197 and 198 Type Switches
A503.656	2			CANCELLED			Switches - Plunger Type - Primary and Secondary Line Switches and Out Trunk Switches - Procedures for Levalol Treatment of Bank Contacts and Abrasive Cleaning of Bank Contact Springs
Add. A503.657 CANCEL - SEE A503.657	069	502	801				- Procedures for Cleaning and Treating Bank Contacts
A503.681 CANCEL - SEE	069	370	801				KS-13835 Readers and KS-13882 Perforators - Procedures for Cleaning
A504. REPAIR, REPLACEMENT, AND REFINISHING - COMMON TO ALL OFFICES							
A504.000)							
A504.100) APPARATUS							
Add. A504.001							Plugs Associated with Switchboard
A504.001 CANCEL - SEE	032	542	801				Cords and Method of Replacing S3A Cord
A504.004 CANCEL - SEE	028	360	811				52-Type Head Telephone Sets
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SECTION NO.	ATT	PNB	W-I	CODE	O	CODE	SUBJECT
A504.000)							
A504.100) APPARATUS (CONTINUED)							
A504.007	1	1	1	A10,E13	1	A1,4,5,12	Keyshelf Bulletin Holders
A504.008 CANCEL - SEE	028	370	811				Repair of Headsets - 1020 Type
A504.013 CANCEL - SEE	163	602	811				153-Type Interrupters - Recondi- tioning of Interrupter Drums
A504.014 CANCEL - SEE	163	607	802				Conditioning of Cams - Precision Type Interrupters
A504.040 CANCEL - SEE	069	340	801				Repairs to Terminal Strips - Install- ing Split Fanning Strips
A504.041 CANCEL - SEE	069	341	801				Cast Resin Terminal Strips - Proce- dures for Replacing Broken Terminals Using the No. 658B Terminal Extractor and the KS-16748 Inserter
Add. A504.101.1 CANCEL - SEE	069	310	801				Replacing Contacts - Using the No. 1004A, 1004B, and 1013A Tool Kits - General
A504.101.1							
A504.101.2 CANCEL - SEE	069	310	802				- Using the No. 1004A or 1004B Tool Kit - Relays (Nonwire Spring Type), Crossbar Switches, and the KS-13835 (AMA) Reader
Add. A504.101.3 CANCEL - SEE	069	310	803				- Using the No. 1004B and 1013A Tool Kits - Relays (Wire Spring Type)
A504.101.3							
A504.101.4 CANCEL - SEE	069	311	801				Repairing Feeder Brush Tips Using the Nos. 1004A or 1004B Tool Kits - 10-, 11-, 26-, 27-, and 32-Type Banks Associated with Rotary Selectors
A504.101.5 CANCEL - SEE	069	310	804				Replacement Contacts - Relays - (Nonwire Spring Type, etc.)
A504.102 CANCEL - SEE	040	015	811				Replacement Contact Screws - Relays Having Heavy Contact Erosion
A504.300 TOOLS							
A504.302 CANCEL - SEE	075	110	301				Sharpening External Notches of "V" Notch Diagonal Pliers per Specifi- cation 6433
A504.303 CANCEL - SEE	075	160	301				Screwdrivers - Selection, Use and Maintenance

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SECTION NO.	ATT	PMB	W-I	CODE	O	CODE	SUBJECT
A504. 300 TOOLS (CONTINUED)							
A504.304 CANCEL - SEE	075	190	811				KS-14582, List 1 Soldering Copper and KS-14768 Heat Units
A504.306 CANCEL - SEE	075	121	801				KS-16492 Wire Unwrapping Tool
A504. 400 WIRING							
A504.402 CANCEL - SEE	069	105	811				Preparing Coaxial Office Cable for Splicing and Termination
A504.415		A	A	A10, E13	NS		Repairs to and Replacement of Sections of Fire-Detection Wire - Emergency Alarm Systems
A504.420 CANCEL - SEE	069	110	812				Repair of Insulation - Wiring and Cabling
Add. A504.425 CANCEL - SEE	069	110	811				Reinforcement of Cable Forms - Wiring and Cabling
A504.425							
A504. 500 EQUIPMENT AND WOODWORK							
A504.520		C	C	A10, E13	NS		Retouch Finishes for Central Office Equipment
A504. 600 FURNITURE AND BUILDING ITEMS							
Add. A504.601 CANCEL - SEE	065	100	801				Reconditioning of Operator and Supervisor Chairs - Bent Wood Type
A504.601							
Add. A504.602 CANCEL - SEE	065	100	802				- Metal Type
Add. A504.602							
A504.602							
App. A504.602							
A505.)							
A509.)							
PIECE PART DATA AND REPLACEMENT PROCEDURES							
A505. APPARATUS COMMON TO ALL OFFICES							
→ A505.145 CANCEL - SEE	201	206	801				MDF Protectors and Protector Mounting
A505.146 CANCEL - SEE	032	306	801				300-Type Connectors

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SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
A506. KEYS							
A506.011	CANCEL - SEE	032	703	801			Keys - 92, 223, 479, 490, 493, 497, 498, 499, 520, 523, 524, 529, 545, A1, A2, A4, A5, A6, A7, A8, A9, A10, A11, A13, A14, A15, A17, A18, A20, A26, A27, A28, A29, A30, A31, A32, A33, A34, A35, A36, B1, B2, B3, B5, B6, B7, B8, B9, B10, B14, B15, B17, B18, B19, B20, B22, B23, B25, B26, C1, C2, C3, C5, C6, C7, E1, E2, E6, G1, G2, G3, G4, and G6 Types
Add. A506.012							547, 552, 576, 579, 582, 583 and 585 Type
A506.012	CANCEL - SEE	032	727	801			
A506.048	CANCEL - SEE	032	726	801			580 and 581 Types and Associated Key-Shelf Bushing
A507. RELAYS							
A507.011	CANCEL - SEE	040	216	801			85F, 85W, 87 and 186 Types
Add. A507.014	CANCEL - SEE	040	219	801			111 (Part of 163) 121, 122, 125, 149, 162, 178 and 179 Types
A507.014							
A507.015	CANCEL - SEE	040	220	801			114, 124, 126, 174, 196 and 198 Types
A507.023	CANCEL - SEE	040	228	801			206, 227, 231 and 239 Types
A507.024	CANCEL - SEE	040	229	801			207 and 213 Types
A507.025	CANCEL - SEE	040	230	801			208 and 124 Types
A507.026	CANCEL - SEE	040	231	801			209 Type and Associated 18-Type Connecting Block
Add. A507.027	CANCEL - SEE	040	232	801			215 and 255 Types and Associated No. 18B Connecting Block
A507.027							
A507.028	CANCEL - SEE	040	233	801			218B
A507.030	CANCEL - SEE	040	240	801			Modified No. 228A per D-160118 and Associated No. 18F Connecting Block
Add. A507.032	CANCEL - SEE	040	241	801			229, 230 and 232 Types
A507.032							
Add. A507.039	CANCEL - SEE	040	247	801			A245, 254, 263 and 264 Types
A507.039							
A507.040	CANCEL - SEE	040	236	801			221, 222, 223, 224, 225, 247, 248, 251 and 252 Type Relays - 132 and 133 Type Inductors and Corresponding A.E. Co. Apparatus

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	ATT	PWB	W-I	CODE	O	CODE	
A507. RELAYS (CONTINUED)							
A507.042	CANCEL - SEE	040-258-301				268 Type	
A507.044	CANCEL - SEE	040-257-301				267 Type, D-99739, and D-175787	
Add. A507.059 A507.059	CANCEL - SEE	040-267-301				280-Type Relay	
Add. A507.065 A507.065	CANCEL - SEE	040-272-301				286-, 287-, and 288-Type Relays - (Multicontact Wire-Spring Types)	
A507.075	CANCEL - SEE	040-276-301				Dry Reed Type - 302 Type	
A507.101	CANCEL - SEE	040-500-301				A, AB, E, EA, F, H, M, R, T, 235, and 236 Types	
Add. A507.102 A507.102	CANCEL - SEE	040-506-301				B, C, G, and J Type	
Add. A507.106 A507.106	CANCEL - SEE	040-514-301				L, N and S Types	
A507.110	CANCEL - SEE	040-522-301				Y and 282 Types	
A507.111	CANCEL - SEE	040-518-301				U, UA and 271 Types	
Add. A507.113 A507.113	CANCEL - SEE	040-520-301				UB Type	
Add. A507.203 A507.203	CANCEL - SEE	040-801-301				Externally Adjusted Dash Pot Relays	
A507.211	CANCEL - SEE	040-502-301				AF, AG and AJ Type (Wire-Spring Type)	
A507.213	CANCEL - SEE	040-504-301				- AK Type Relays (Wire-Spring Type)	
A508. SELECTORS AND SWITCHES							
A508.000 BANKS							
A508.001	CANCEL - SEE	026-110-301				Panel Multiple Banks	
A508.100 ELEVATOR APPARATUS							
A508.102	CANCEL - SEE	026-125-303				Panel Line Finder and Panel Trunk Finder	
A508.103	CANCEL - SEE	026-125-306				Panel Subscriber Link	
A508.104	CANCEL - SEE	026-125-307				Panel Translator	
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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FTB	W-I	CODE	0	CODE	
A508. 100 ELEVATOR APPARATUS (CONTINUED)							
A508.105	CANCEL	- SEE	026-125-804				Panel Selector
A508.106	CANCEL	- SEE	026-125-802				Panel Cordless "B" Link
A508.107	CANCEL	- SEE	026-125-801				Panel Call Distributing "B" Link
A508.108	CANCEL	- SEE	026-125-805				Sender Tandem Link
A508. 120 COMMUTATOR BRUSHES							
Add. A508.121							Commutator Brushes - 10 and 14 Types
A508.121	CANCEL	- SEE	026-120-801				
A508. 130 CLUTCHES							
A508.131	CANCEL	- SEE	026-115-801				Panel Clutches and Associated Racks
A508. 200 SELECTORS - ROTARY TYPE							
Add. A508.201							200, 206, 209 and 211 Types and Banks 10, 26 and 32 Types
A508.201	CANCEL	- SEE	026-706-801				
A508.202	CANCEL	- SEE	026-708-801				204 Type
A508.203	CANCEL	- SEE	030-766-801				A.E. Co. 25 Point Rotary Switches and Associated Banks
Add. A508.207							Power Driven Rotary Selectors together with Associated Banks
A508.207	CANCEL	- SEE	026-740-801				
A508. 300 SEQUENCE SWITCHES							
A508.301	CANCEL	- SEE	030-801-801				A and B Types
A508. 400 SWITCHES							
A508.401.1	CANCEL	- SEE	030-705-801				197 and 198 Types - Associated Banks and Commutators - General
Add. A508.401.2							- Parts Mounted Above Cover Plate Except Pawls, Pawl Pins, Normal Post Cam and Contact Spring Assemblies
A508.401.2	CANCEL	- SEE	030-705-802				
A508.401.3	CANCEL	- SEE	030-705-803				- Contact Spring and Test Jack Assemblies and Normal Post Cams
A508.401.4	CANCEL	- SEE	030-705-804				- Cords, Cord Holders, Commutators, Wiper Springs and Parts Associated with the Cover Plate

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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PTB	W-I	CODE	0	CODE	
A508.400 SWITCHES (CONTINUED)							
A508.401.5	CANCEL	- SEE	030-705-805				- Pawl and Pawl Pins
Add. A508.401.6	CANCEL	- SEE	030-705-806				- Switch Banks
A508.401.6							
A508.402	CANCEL	- SEE	030-761-801				Plunger Type - Primary and Secondary Line Switches and Out Trunk Switches
A508.403	CANCEL	- SEE	030-762-801				Master Switches - Solenoid Type
Add. A508.441							300, 301, 302 and 303 Types
A508.441	CANCEL	- SEE	030-715-801				
Add. A508.442							304, 305, 306, 307, 308, 314, 315 and 318 Types
A508.442	CANCEL	- SEE	030-717-801				
A508.444	CANCEL	- SEE	030-720-801				324, 325, 328, 334, and 338 Types
A508.451	CANCEL	- SEE	030-712-801				Nos. 216A and 217A
A509. MISCELLANEOUS							
A509.000 DIALS AND DIAL TESTERS							
A509.001	CANCEL	- SEE	028-800-801				Dials - 2, 4, 5, and 6 Types and As- sociated Dial Mountings and Dial Adapters
A509.021	CANCEL	- SEE	100-141-801				51 Type Dial Testers and Associated No. 16A Bracket
A509.130)							
A509.140) CLOCKS AND TIME MEASURING DEVICES							
A509.131	CANCEL	- SEE	030-100-801				Calculagraphs - Models 6 and 30
A509.132	CANCEL	- SEE	030-102-801				KS-7769 (Model 33) Calculagraphs
A509.136	CANCEL	- SEE	030-114-801				KS-14156 Switchboard Position Clocks
A509.145	CANCEL	- SEE	030-158-801				KS-14799 Timer
A509.146	CANCEL	- SEE	030-140-801				1-Type Timers and Associated 51- and 52-Type Drives
A509.147	CANCEL	- SEE	030-141-801				Timers - 2 Type, No. 4A and D-171689
Add. A509.148							KS-14741 Program Timer
A509.148	CANCEL	- SEE	030-157-801				
A509.149	CANCEL	- SEE	030-142-801				Timers - 3 Type
Printed in U.S.A.							

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	FIN	W-I	CODE	0	CODE	SUBJECT
A509.150 INTERRUPTERS							
A509.151	CANCEL - SEE	163-651	801				Reciprocating Bar Type
A509.152	CANCEL - SEE	163-605	801				157 Type
A509.154	CANCEL - SEE	030-159	801				KS-16329 Timer
A509.200 JACKS							
A509.201	CANCEL - SEE	032-351	801				92, 299 and 292 Types
A509.202	CANCEL - SEE	032-350	801				49, 137, 138, 141, 166, 275, 295, 308, 347, 362, 365, 378, and 494 Types
A509.205	CANCEL - SEE	032-354	801				444 Type
App. 1 A509.205							
A509.207	CANCEL - SEE	032-305	801				KS-14528, KS-14555, KS-14672 and KS-16323 Connectors, KS-14095, KS-14173 and KS-16080 Jacks, KS-13875, KS-14460 and KS-14482 Plugs, and KS-14453 Socket
A509.300 REGISTERS							
A509.306	CANCEL - SEE	030-331	801				Traffic and Plant - 14 Type
A509.350 DROPS AND SIGNALS							
A509.351	CANCEL - SEE	032-552	801				Signals - 42 Type and Associated Signal Mountings
A509.352	CANCEL - SEE	032-551	801				- 34, 39 and 41 Types and Associated Signal Mountings
A509.353	CANCEL - SEE	028-102	801				Bells and Signals - Solenoid Types
A509.354	CANCEL - SEE	028-131	801				Audible Alarm Signal Gongs for Office and Miscellaneous Alarms - C4A and C5A ringers
A509.900 GENERAL							
A509.901	CANCEL - SEE	100-101	801				Test Sets - Nos. 35C, 35D and 35F
A509.902	CANCEL - SEE	076-190	801				Portable Motor Equipment for Base Metal Contact Maintenance

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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FNB	W-I	CODE	0	CODE	
A 509.900 GENERAL (CONTINUED)							
→ A509.905	CANCEL	- SEE 211-135-801					Roller Receiving Valve per D-80134, Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per ED-61355-01 - Pneumatic Ticket Distributing System
→ A509.906	CANCEL	- SEE 211-139-801					Hand Receiving Valve, D-79144 - Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101159 - Pneumatic Ticket Distributing System
→ A509.907	CANCEL	- SEE 211-134-801					Roller Receiving Valve (No. 28A Valve) - Pneumatic Ticket Distributing System
→ A509.908	CANCEL	- SEE 211-137-801					Hand Receiving Valves (25- and 26-Type Valves) Ticket Retainers (KS-15536, Lists 1, 2, 3 and 4) Sending Valves (27-Type Valves) Pressure Equalizers (No. 29A and A-102556 Valves) Removable Edge Sections (No. 1A and 2A or 6A Sections) Pneumatic Ticket Distributing System
→ A509.909	CANCEL	- SEE 211-132-801					No. 50A Detector - Pneumatic Ticket Distributing System
A509.911	CANCEL	- SEE 030-711-801					Switches - 211 and 212 Types
Add. A509.913							Pilot Wire Master Twist Controller - KS-7781
A509.913	CANCEL	- SEE 024-331-801					
Add. A509.914							Pilot Wire Master Flat Gain Controller - KS-7664
A509.914	CANCEL	- SEE 024-330-801					
A509.916	CANCEL	- SEE 227-505-800					Automatic Number Identification Number Network Frame - No. 313A Panel
SEE 215-611-801	FOR						
SEE 216-911-801	FOR						
A509.923	CANCEL	- SEE 032-329-801					Cord Reels, KS-14975 and KS-16124
Add. A509.927							No. 2A and 2AA Telephone Answering Sets
A509.927	CANCEL	- SEE 034-359-801					
A509.928	CANCEL	- SEE 034-353-801					KS-16534, L1 Recorder - Reproducer and Associated Audio Facilities
Printed in U.S.A.							

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A509.900 GENERAL (CONTINUED)							
A509.929	CANCEL - SEE	034-354	801				KS-1675, L3 Recorder
A509.932	CANCEL - SEE	075-125	801				Nos. 497A, 497B and D-159798 Tools (Portable Plug Cleaning Machines)
A509.938	CANCEL - SEE	034-351	801				KS-12068, L3, L4, L5, L6 and L3 Converted Per X-4174 Recorder- Reproducers
A509.939	CANCEL - SEE	034-350	801				- KS-12055, List 4
A509.944		1	NS				D-151131 Tape Announcing Machine
A509.946	CANCEL - SEE	026-700	801				No. 60BA, 60BC, 60BP, 60BR, 66A, D-151294 and D-175279 Selectors
A509.949	CANCEL - SEE	034-338	801				MS-16789, L1 Reader
A509.955	CANCEL - SEE	065-111	801				Day-Brite Fluorescent Units for Frame and Aisle Lighting
A509.956	CANCEL - SEE	065-112	802				KS-15673 Fluorescent Lighting Fix- tures for Frame and Aisle Lighting
A509.958	CANCEL - SEE	065-113	801				KS-15857 Fluorescent Lighting Fix- tures
A509.959	CANCEL - SEE	065-115	801				Appliance Outlets - Trolley Type
A509.960	CANCEL - SEE	065-114	801				KS-15912, L1 Fluorescent Lighting Fixtures
A509.961	CANCEL - SEE	065-105	801				Ladders
A509.965	CANCEL - SEE	065-180	803				Vacuum Cleaner - KS-14377
A509.966	CANCEL - SEE	065-180	802				KS-8389 Vacuum Cleaner
A509.968	CANCEL - SEE	030-302	801				KS-14776, Lists 1 and 2 Cameras (Traffic Register Cameras)
A509.969	CANCEL - SEE	030-301	801				KS-14953, List 1, Message Register Camera
A509.970	CANCEL - SEE	030-320	801				Piece-Part Data and Replacement Procedures - KS-14778 Photo Pro- cessor
A509.977	CANCEL - SEE	034-375	801				- AMA Tape Reels

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	ENB	W-I	CODE	0	CODE	SUBJECT
A 509. 900 GENERAL (CONTINUED)							
A509.978	CANCEL	- SEE	075-191-812				KS-8740, KS-14440, and KS-14582 List 1 Soldering Coppers and KS-16346 Soldering Iron (Including KS-16368 Transformer)
A509.981	CANCEL	- SEE	034-300-801				Perforators - D-175914 and D-176283
A509.982	CANCEL	- SEE	034-330-801				Readers - D-176284, D-176447 and D-176449
A509.983	CANCEL	- SEE	034-305-801				KS-13834 Perforator
→ A509.984	CANCEL	- SEE	159-440-801				Output Motor Drive Unit - ED-40263-01, Groups 1 and 2
→ Add. A509.985	CANCEL	- SEE	159-441-802				- ED-40026-01, Group 2 Modified by Group 3 Parts
→ A509.985							
A509.986	CANCEL	- SEE	034-335-801				Readers - KS-13835, Lists 1, 2, 3, 4, 5 and 6
A509.987	CANCEL	- SEE	034-370-801				Tape Reeler ED-40009-01, G2 and Electrical Controls for Tape Reeler and 604-Type Tape Splicer
→ A509.988	CANCEL	- SEE	159-441-801				Output Motor Drive Unit - ED-40026-01 Group 1 and Group 2
→ Add. A509.989	CANCEL	- SEE	159-442-801				Input Motor Drive Unit ED-40027-01, G1
→ A509.989							
→ Add. A509.990	CANCEL	- SEE	159-443-801				Input Motor Drive Unit ED-40218-01, Groups 1, 2 and 3
→ A509.990							
A509.991	CANCEL	- SEE	034-306-801				Perforators, KS-13882, List 1, 2 and 3
A509.992	CANCEL	- SEE	075-120-801				KS-16363, L1 Hand Grip Wire Wrapping Tool and Associated Wrapping Bits and Stationary Sleeves
A509.993	CANCEL	- SEE	034-349-801				Cleaning Cabinet KS-13928
A509.994.1	CANCEL	- SEE	034-700-801				Translator - One Type - Associated No. 3A Transistor - General -
A509.994.2	CANCEL	- SEE	034-700-802				- 4-Type Apparatus Unit
A509.994.3	CANCEL	- SEE	034-700-803				- No. 214A Selector
A509.995	CANCEL	- SEE	076-133-801				604 Type Tools (Tape Splicers)

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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	W-I	CODE	Q	CODE	SUBJECT
A 509. 900 GENERAL (CONTINUED)							
Add. A509.998 CANCEL - SEE A509.998	076	143	801				No. 659 Tool
A509.999		B	B	A12,E13	NS		615A-Type Tools (Connector Assembly)
A 512. LOCAL PLANT AND TRAFFIC DESKS							
A 512. 000 SERVICE OBSERVING EQUIPMENT							
A512.016							Portable Service Observing Set No. 4,
App. 1 A512.016							Dial Pulse Recorder Set No. 1 and
App. 2 A512.016							No. 2 - Connections and Operation
App. 3 A512.016 CANCEL - SEE	210	102	301				
Add. A512.031				CANCELLED			Method of Connecting Circuits for
A512.031 CANCEL - SEE	210	101	301				Observation
A 517. COMMON TO COMMUNITY DIAL OFFICES							
A517.051 CANCEL - SEE	030	705	301				Preparation of Designation Cards -
							Selector Multiple
A 520. COMMON TO ALL TOLL OFFICES							
A520.001 CANCEL - SEE	211	130	301				Pneumatic Ticket Distributing System
A520.002 CANCEL - SEE	211	134	802				Modification of Roller Receiving Valve
→ A520.021 CANCEL - SEE	358	035	800				Procedure for Replacing Relays in
							the L1 Carrier Line Switch Panel
Add. A520.026 CANCEL - SEE	069	301	801				Replacing Springs and Studs of Dzus
A520.026							Fasteners - Used in the N1 Carrier
							Telephone System
Add. A520.027 CANCEL - SEE	069	301	802				- Used in the K2 Carrier Telephone
A520.027							System
A 528. NOS. 4, A4A AND 4M TOLL SWITCHING SYSTEMS							
A528.101 CANCEL - SEE	034	700	811				Restoring Collapsed Code Bars and
							Handling No. 214A Selector, No. 200A
							Blanks and Coded Cards in 1-Type
							Translator - No. 4A and 4M
A528.103 CANCEL - SEE	034	700	812				Method of Coding Cards for 1-Type
							Translator Using the No. 659A Tool
							- Nos. 4A and 4M
A528.104 CANCEL - SEE	076	143	802				Method of Converting No. 659A Tool to
							No. 659C Tool
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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PMB	W-I	CODE	0	CODE	
A528. NOS. 4, A4A AND 4M TOLL SWITCHING SYSTEMS (CONTINUED)							
A528.151	1	NS					Storing and Handling of Cards For KS-13834 Trouble Recording Perfora- tor - No. 5 Crossbar Offices - No. 4A Toll Switching System
A550. STEP - BY - STEP OFFICES							
Add. A550.001							Installing Fibre Strips on Switch Covers
A550.001 CANCEL - SEE	030	705	821				
A550.003 CANCEL - SEE	030	705	820				Methods of Mounting Capacitors and Networks on Shelf Angles
A550.018 CANCEL - SEE	030	705	807				Procedures for the Replacement of Supply Bank Insulators Where Banks Have Silver Plated Bank Contacts 197 and 198 Type Switches
A550.051 CANCEL - SEE	030	705	301				Preparation of Designation Cards - Selector Multiple
A550.105 CANCEL - SEE	226	155	300				Methods of Denying Service on Sub- scriber Lines
A550.998		C	C	A1	NS		Central Office Terminations for PBX - One-Way Central Office Trunks
A560. PANEL OFFICES							
Add. A560.001							Sequence Switches - Procedure for Shortening Springs
A560.001 CANCEL - SEE	030	801	813				
Add. A560.002							- Procedure for Splitting Springs
A560.002 CANCEL - SEE	030	801	814				
A560.003 CANCEL - SEE	030	801	812				Sequence Switches - Procedure for Replacing Tips of Worn Outer Con- tact Springs
A560.005 CANCEL - SEE	026	120	812				Installing Wiper Holders and Wiper Pads on Panel Commutators
A560.007 CANCEL - SEE	215	141	802				Cross Connection Methods - Decoders
A560.011 CANCEL - SEE	159	720	814				Procedure for Relieving Over-heating of Bearings - Friction Roll Drive Worm Gear Case Housing Bearings
Add. A560.012 CANCEL - SEE	159	720	813				Modification of Friction Roll Drive Gear Case to Prevent Loss of Oil at Oil Guard
A560.012							
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COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PNB	W-I	CODE	0	CODE	SUBJECT
A560. PANEL OFFICES (CONTINUED)							
Add. A560.013	CANCEL - SEE	159-720-811					Procedures for Installing Bushings in Friction Roll and Gear Reduction Drive Shafts
A560.013							
A560.014	CANCEL - SEE	159-720-817					Repair of 1 Type Vertical Drive Shafts
A560.015	CANCEL - SEE	159-720-812					Installing Stops on Gear Cases and Bearing Boxes of Friction Roll Drives
A560.016	CANCEL - SEE	159-720-816					Friction Roll Drive Bearing Boxes - Procedure for Restoring Oil Closure Lip Clearance
Add. A560.022							Repair of Multiple Bank Insulation
A560.022	CANCEL - SEE	026-110-812					
A560.023	CANCEL - SEE			159-720-815	PN		Repair of Cork on Friction Roll Drives
A560.023	CANCEL - SEE			159-720-815			
A560.024	CANCEL - SEE	026-125-821					Repair of Brush Rods - Elevator Apparatus
A560.025	CANCEL - SEE	026-115-811					Replacing Worn Panel Brackets on Panel Clutches
A560.031	CANCEL - SEE	163-651-811					Procedures for Replacing Cam Shaft Bushings in Reciprocating Bar Type Interrupters
A560.033	CANCEL - SEE	030-801-811					Repairing Sequence Switch Magnet Coils
A560.105	CANCEL - SEE	215-102-302					Methods of Denying Service on Subscriber Lines
A570. CROSSBAR OFFICES							
A570.000)							
A570.100) NO. 1 CROSSBAR OFFICES							
Add. A570.001		A		CANCELLED			Distributing Frame and Block Relay Frame
Add. A570.001	CANCEL - SEE	216-719-801					
A570.001	CANCEL - SEE	216-719-801					
→ Add. A570.002							Cross Connection Methods - Markers, Test Frames - No. 1 Crossbar and Crossbar Tandem Offices
→ A570.002	CANCEL - SEE	220-119-301		A7			
	SEE 216-712-801 FOR			A6			
A570.105	CANCEL - SEE	216-200-301					Method of Denying and Restoring Service on Customer Lines
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FNB	W-I	CODE	O	CODE	
A570.200) A570.300) NO. 5 CROSSBAR OFFICES							
Add. A570.201				CANCELLED			Cross Connection Methods - Number
A570.201 CANCEL - SEE DIV. 069							Group Frames
A570.240 CANCEL - SEE 040-518-501							Locating FA - and FB - Relay Contacts
							Likely to Cause Transmission Noise
							Similar to Banjo Tones - Trunk Link
							and Connector Circuit
Add. A570.241 CANCEL - SEE 040-518-802							Method of Mounting Shock Absorbers
A570.241							on the U-Type FA- and FB-Relays -
							Trunk Link and Connector Circuits
→ A570.305 CANCEL - SEE 218-701-301							Methods of Denying and Restoring
							Service on Customer Lines
→ A570.353 CANCEL - SEE 218-220-302							Preparation of Control Tapes - Auto-
							matic Progression Trunk Test Frame
A580. TELETYPEWRITER EQUIPMENT							
A580.001 CANCEL - SEE 034-120-811							1A Regenerator Unit - Application of
							Lacquer to Front Insulator to Im-
							prove Insulation Resistance
A599. MISCELLANEOUS							
A599.026	A	A		A3,E13	A	E12	Equipment Maintenance - L Carrier -
App. 1 A599.026	A	A			A		Auxiliary and Unattended Main
							Stations
A599.027	A	A		A3,E13	NS		Procedures for Replacing Coaxial
							Jacks and Plugs

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A700 - DESCRIPTION OF TESTING EQUIPMENT
AND TOOLS

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	H-I	CODE	0	CODE	SUBJECT
A 702 TESTING EQUIPMENT - COMMON TO ALL OFFICES							
A702.001 CANCEL - SEE	100	100	102				No. 22B Test Set
Add. A702.002 CANCEL - SEE	100	101	101				35 Type Test Sets
A702.002							
A702.007 CANCEL - SEE	102	130	101				Trip Relay Adjusting Sets
A702.010 CANCEL - SEE	100	137	101				Relay Timing Test Set
A702.011 CANCEL - SEE	100	261	101				Per Cent Break Meter per KS-7361
A702.012 CANCEL - SEE	100	265	101				Test Set for Measuring 20 and 135- Cycle Signaling and Other A-C Voltages - J68602AH
A702.013 CANCEL - SEE	100	264	101				A-C Relay and Signaling Test Set J68602AJ
A702.017 CANCEL - SEE	100	515	101				Secondary Standard for Checking D-C Meters
Add. A702.018 CANCEL - SEE	100	120	101				Hand Sets (Dial Hand Test Sets)
A702.018							
Add. A702.019 CANCEL - SEE	100	138	101				Contact Closure Test Set J94724A
A702.019							
A702.020 CANCEL - SEE	100	102	101				No. 40C Test Set
A702.021 CANCEL - SEE	102	172	101				Subscriber Line Rapid Insulation Test Set - Set H-297-421 (ST-627579)
A702.023 CANCEL - SEE	100	815	101				KS-14959 Test Set (Portable Wheatstone Bridge)
A702.032 CANCEL - SEE	100	520	101				KS-14510 Meter - Portable Volt-Ohm- Milliammeter
A702.041 CANCEL - SEE	100	139	101				Test Set SD-95439-01 (J94725A) for 275-, 276-, 291-, 292- and 301- Type Relays
A702.101		1	1	A10, E12	NS		102613 Current-Flow Test Set
A702.301		2	2	A10, E12	NS		No. 31B Test Set
A702.501 CANCEL - SEE	102	131	101				Call-Through Test Set
A702.539 CANCEL - SEE	103	106	105				2D and 2E Singing Point Test Sets
A702.569 CANCEL - SEE	103	307	105				19C Oscillator
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COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FTB	W-I	CODE	0	CODE	
A702. TESTING EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)							
A702.570	CANCEL - SEE	103	300	105			Hewlett-Packard Model 200H
A702.571	CANCEL - SEE	103	300	100			- Model 200CD Oscillator
Add. A702.589							- Model 400D Vacuum Tube Voltmeter
A702.589	CANCEL - SEE	100	526	101			- Model 400C Vacuum Tube Voltmeter
Add. A702.590							KS-15538, L1 Carrier Frequency Volt-
A702.590	CANCEL - SEE	100	525	101			meter (Sierra Electronic Corporation)
A702.591	CANCEL - SEE	103	400	101			- List 2 Carrier Frequency Voltmeter
A702.591.2	CANCEL - SEE	103	400	102			(Sierra Electronic Corporation)
A702.591.3	CANCEL - SEE	103	400	103			KS-15538, List 3 Carrier Frequency
A702.592							Voltmeter (Sierra Electronic Corp.)
A702.593	CANCEL - SEE	103	472	100			2T Maintenance Test Set - (J94002T)
A702.594	CANCEL - SEE	103	471	100			Type N1 Carrier Telephone System -
A702.595	CANCEL - SEE	103	468	100			2M Repeater Switching Set - (J94002M)
→ Add. A702.597							- 2N Group Unit Switching Set -
→ A702.597	CANCEL - SEE	361	001	100			(J94002N)
A702.598	CANCEL - SEE	103	475	100			- Carrier Failure Indicator
A702.599	CANCEL - SEE	103	476	100			5U Servicing Center Test Set (J98705U)
A702.603	CANCEL - SEE	103	474	100			2K Tube Test Set - (4002K)
A702.604	CANCEL - SEE	103	107	100			2P Tube Test Set - (J94002P)
A702.610	CANCEL - SEE	103	237	100			2J Repeater Test Set - (J94002J)
A702.611							2G Repeater Test Set - (J94002G)
A702.612	CANCEL - SEE	103	213	100			7A Transmission Measuring Set
A702.613	CANCEL - SEE	103	467	100			9A Transmission Measuring Set
A702.614	CANCEL - SEE	103	221	100			13A Transmission Measuring Set
							Channel Unit Test Stand (J98705M)
							21A Transmission Measuring Set (J94021A)

COMPANY or AREA							
ISSUE - CODE							
SECTION NO.	ATT	PTB	H-I	CODE	0	CODE	SUBJECT
A 702. TESTING EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)							
A702.614.1	CANCEL	-	SEE	103-221-100			21A Transmission Measuring Set (J94021A) - Simple Calibration Checking Procedure
→ Add. A702.615	CANCEL	-	SEE	103-212-900	PN		12-Type Transmission Measuring Sets
A702.615	CANCEL	-	SEE	103-212-100			
A702.616							Transmission Measuring Set per J94020A
A702.617	CANCEL	-	SEE	155-609-101			1000-Cycle Machine per KS-5472-01 and KS-5472
Add. A702.618.00							2 Type Sending Panels - 2A (J94002A) and 2C (J94002C)
A702.618.00	CANCEL	-	SEE	103-341-100			
Add. A702.618.01							Chart 1: Adjustment of Temperature Compensation for the KS-5472-01 Machine
A702.618.01	CANCEL	-	SEE	103-341-500			
Add. A702.618.02							Chart 2: Setting the Output Adjusting Circuit of the 2A Sending Panel
A702.618.02	CANCEL	-	SEE	103-341-500			
A702.620	CANCEL	-	SEE	103-204-100			Model TTS-4A Transmission Test Set (Northeast Electronics Corp.)
A702.621	CANCEL	-	SEE	103-107-105			E Repeater Test Set (J98612F)
A702.622	CANCEL	-	SEE	103-202-100			2AB Auxiliary Transmission Test Set
A702.623	CANCEL	-	SEE	103-106-110			Return Loss Measuring Set (J99254C)
A702.624			1 NS				Type 535 Tektronix Oscilloscope
A702.625	CANCEL	-	SEE	103-223-100			23A Transmission Measuring Set (J94023A) Description
A702.627	CANCEL	-	SEE	103-430-100			J94070A Spectrum Generator
A702.628	CANCEL	-	SEE	103-326-100			71B Milliwatt Reference Generator
A702.629.00	CANCEL	-	SEE	103-325-100			71A Milliwatt Reference Generator - J94071A
A702.629.01	CANCEL	-	SEE	103-325-500			Chart 1: Adjusting the Output of the 71A Milliwatt Reference Generator
A702.630.00	CANCEL	-	SEE	103-327-100			J94071C Milliwatt Reference Generator and J94071D and J94071E Network Panels
A702.630.01	CANCEL	-	SEE	103-327-500			Chart 1: Adjusting the Output of the 17C Milliwatt Reference Generator
Add. A702.636							72A Frequency Meter (J64072A)
A702.636	CANCEL	-	SEE	103-425-100			

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A 702. TESTING EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)								
A702.637	CANCEL - SEE	103	222	100			22A Milliwatt Reference Meter	
A702.641	CANCEL - SEE	100	105	101			No. 73A Test Set	
A702.643	CANCEL - SEE	100	637	101			Electron Tube Test Set - Model KS-15874, List 1 Cordmatic Tube Tester	
Add. A702.644							3A Noise Measuring Set	
A702.644	CANCEL - SEE	103	611	100				
Add. A702.656	CANCEL - SEE	100	634	101			Electron (Vacuum) Tube Test Set - KS-15559 Hickok Tube Tester	
Add. A702.656								
A702.656								
Add. A702.658	CANCEL - SEE	100	635	101			- KS-15560 L1 and L2 Hickok Tube Tester	
Add. A702.658								
A702.658								
Add. A702.659	CANCEL - SEE	100	636	101			Electron Tube Test Set - KS-15750, L1 Tube Tester	
A702.659								
A702.661	CANCEL - SEE	100	640	101			Vacuum Tube Test Set - Hickok Model 530B Tube Tester	
A702.662	CANCEL - SEE	100	611	101			- Hickok Model 531 (KS-13588 L1) and Modified 530B (KS-13725 L1)	
A702.663	CANCEL - SEE	100	611	101			Cold Cathode Tube Test Set J24754A	
A702.664	CANCEL - SEE	100	630	101			Electron (Vacuum) Tube Test Set - KS-5727 Hickok Tube Tester	
A702.665		1	1	1	A10,E12	1	A1,4,5	Du Mont Type 208 Cathode Ray Oscillo- graph
A702.666	CANCEL - SEE	100	130	101				Test Set for Timing Tests - J24753A
A702.667		1	1	1	A10,E12	1	"	Du Mont Type 304H Cathode-Ray Oscillo- graph
A702.668	CANCEL - SEE	100	150	101				1A Fault Locator Test Set - J94730A
A702.669		1	1	1	A10,E12	1	"	Du Mont Type 304A Cathode-Ray Oscillo- graph
A702.672		2	2	2	A10,E12	2	"	KS-16305 Oscilloscope
Add. A702.676	CANCEL - SEE	100	160	101				KS-12054 Test Set - For 400-Type Germanium Varistors
A702.676								

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A 702. TESTING EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)							
A702.678	CANCEL	SEE	103-429-100				2AA Milliwatt Reference Set - J94002AA
Add. A702.679							
A702.679	CANCEL	SEE	212-503-101, 220-460-101				Automatic Transmission Test and Control Circuit (ATTC) - Crossbar Tandem Offices - 4A and 4M Toll Switching Systems
→ A702.680.00	CANCEL	SEE	660-440-010				Codes - Test Line Circuits and Communication Trunks - Nationwide Distance Dialing Plan
→ A702.680.01	CANCEL	SEE	660-440-100				Code 100 - Noise and Balance Test Terminations
→ A702.680.02	CANCEL	SEE	660-440-101				Code 101 - Secondary Toll Testboard Communication and Test Trunk
→ A702.680.03	CANCEL	SEE	660-440-102				Code 102 - 1 Milliwatt, 1000 Cycle Testing Power with Timed Disconnect
→ A702.680.04	CANCEL	SEE	660-440-103				Code 103 - Supervisory and Signaling Test Termination
→ A702.680.05	CANCEL	SEE	660-440-104				Code 104 - Far End Transmission Measuring and Noise Checking Circuit
→ A702.680.06	CANCEL	SEE	660-440-011				Codes - 104 Test Line Locations
→ A702.680.19	CANCEL	SEE	660-440-111				Code 161-X Trouble Reporting Code for Multitestboard Cities
→ A702.680.20	CANCEL	SEE	660-440-112				Code 958 - Switching System Maintenance Center Communication Trunk
→ A702.680.21				CANCELLED			Code 959 - 1 Milliwatt, 1000 Cycle Testing Power with Timed Disconnect for a Check Test to the Toll Completing Train of a 2-Train No. 4 Type Toll Switching System
→ A702.680.22	CANCEL	SEE	660-440-113				Code 970 - XXXX - Directing Code Used for Reaching OGT Test Frames in Crossbar Tandem Toll Switching Offices
A702.681	CANCEL	SEE	103-345-100				201A Noise Generator - Description, Operation and Maintenance
Add. A702.682							
A702.682	CANCEL	SEE	103-235-100				Far End (Code 104) and Near End - Transmission Measuring and Noise Checking Circuit
A702.686	CANCEL	SEE	100-629-101				KS-15840, List 1 Microohms Meter Calibrator
A702.687	CANCEL	SEE	103-100-100				5A Attenuator
A702.688	CANCEL	SEE	103-473-100				J98703BD Switching Set for N1A (Transistorized) Repeaters
A702.691	CANCEL	SEE	103-343-101				24B Loop Checker Generator - Description
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A702. TESTING EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)						
A702.982		A	A	A10,E12		Subscriber-Line Insulation Test Set - Electronic Type - With Sleeve Super- vision per Drawing SEK-10938
A702.983		A	A	A10,E12		- With Tip Supervision Per Drawing No. SEF-8464
A702.990		C	C	A10,E12		AC Continuity Test Circuit - Portable Type - K-2232
A702.991		A	A	A10,E12		- Relay-Rack - G-2108
A702.994	CANCEL - SEE	100	512	101		KS-8340 Ohmmeter (KS 14510 and) (M9B Meter)(Portable Volt-Ohm-Milliam- meter)
Add. A702.995	CANCEL-SEE	084	810	101		
A702.995	CANCEL-SEE	100	513	101		
A702.996		2	2	A10,E12		Cord Test Sets SD-21338-01 and ES-239451
Add. A702.997		A	A	A10,E12		Subscriber Line Insulation Test Set
A702.997		A	A			Skin - 4541
A702.998 PN		A	A	A10,E12		Siemens-Halske Rel 3K 211 Level Tracers
A706. CODED TOOLS						
A706.001	CANCEL - SEE	074	000	006		General Information
A706.002					CANCELLED	Index and Systems Application
A706.004	CANCEL - SEE	074	000	001		Alphabetical Index - Tools
A706.011	CANCEL - SEE	074	101	101		Nos. 22 to 82B
A706.012	CANCEL - SEE	074	102	101		Nos. 87 to 130
A706.013	CANCEL - SEE	074	103	101		Nos. 133 to 209
A706.014	CANCEL - SEE	074	104	101		Nos. 210 to 225
A706.015	CANCEL - SEE	074	105	101		Nos. 225B to 247
A706.016	CANCEL - SEE	074	106	101		Nos. 248 to 266E
A706.017	CANCEL - SEE	074	107	101		Nos. 267 to 298
A706.018	CANCEL - SEE	074	108	101		Nos. 300 to 315
A706.019	CANCEL - SEE	074	109	101		Nos. 316 to 328
A706.020	CANCEL - SEE	074	110	101		Nos. 329 to 340
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SECTION NO.	ATT	FTB	W-I	CODE	0	CODE	SUBJECT
A 706. CODED TOOLS (CONTINUED)							
A706.021	CANCEL	- SEE	074-111-101				Nos. 341 to 353C
A706.022	CANCEL	- SEE	074-112-101				Nos. 354 to 368
A706.023	CANCEL	- SEE	074-113-101				Nos. 369 to 377A
A706.024	CANCEL	- SEE	074-114-101				Nos. 378A to 386B
A706.025	CANCEL	- SEE	074-115-101				Nos. 387B to 395A
A706.026	CANCEL	- SEE	074-116-101				Nos. 396A to 406B
A706.027	CANCEL	- SEE	074-117-101				Nos. 406B to 418A
A706.028	CANCEL	- SEE	074-118-101				Nos. 419A to 432B
A706.029	CANCEL	- SEE	074-119-101				Nos. 433A to 435A
A706.031	CANCEL	- SEE	074-121-101				Nos. 436A to 449A
A706.032	CANCEL	- SEE	074-122-101				Nos. 450A to 465A
A706.033	CANCEL	- SEE	074-123-101				Nos. 467A to 477A
A706.034	CANCEL	- SEE	074-124-101				Nos. 478A to 491A
A706.035	CANCEL	- SEE	074-125-101				Nos. 492A to 502A
A706.036	CANCEL	- SEE	074-126-101				Nos. 503A to 518B
A706.037	CANCEL	- SEE	074-127-101				Nos. 520A to 527A
A706.038	CANCEL	- SEE	074-128-101				Nos. 530A to 542A
A706.039	CANCEL	- SEE	074-129-101				Nos. 543A to 554A
A706.040	CANCEL	- SEE	074-130-101				Nos. 555A to 566A
A706.041	CANCEL	- SEE	074-131-101				Nos. 567A to 583A
A706.042	CANCEL	- SEE	074-132-101				Nos. 584A to 590A
A706.043	CANCEL	- SEE	074-133-101				Nos. 597A to 608B
A706.044	CANCEL	- SEE	074-134-101				Nos. 610A to 622A
A706.045	CANCEL	- SEE	074-135-101				Nos. 623A to 630A
A706.046	CANCEL	- SEE	074-136-101				Nos. 635A to 642A
A706.047	CANCEL	- SEE	074-137-101				Nos. 643A to 650A
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A 706. CODED TOOLS (CONTINUED)							
A706.048	CANCEL - SEE	074-138	-101				Nos. 651A to 655B
A706.049	CANCEL - SEE	074-139	-101				Nos. 656A to 664A
A706.050	CANCEL - SEE	074-140	-101				Nos. 665A to 671A
A706.051	CANCEL - SEE	074-141	-101				Nos. 672A to 680A
A706.052	CANCEL - SEE	074-142	-101				Nos. 683A to 699A
A706.053	CANCEL - SEE	074-150	-101				Nos. 707A to 713B
A 707. NON - CODED TOOLS							
A707.001	CANCEL - SEE	074-000	-006				General Information
→ A707.002		22		CANCELLED			Index and Systems Application
A707.011	CANCEL - SEE	074-501	-101				Adjusters
A707.012	CANCEL - SEE	074-502	-101				Applicators
A707.019	CANCEL - SEE	074-520	-101				Bellows, Benders, Bits, Blades, Blocks, Bolts, Braces and Brackets
A707.026	CANCEL - SEE	074-530	-101				Brushes
A707.033	CANCEL - SEE	074-550	-101				Bumpers, Burnishers, Bushings, Buzzers and Cans
A707.035	CANCEL - SEE	074-560	-101				Carrying Cases and Ticket Chasers
A707.036	CANCEL - SEE	074-570	-101				Goggle Cases, Pocket Tool Cases and Ticket Chasers
A707.040	CANCEL - SEE	074-575	-101				Chisels, Chucks, Clamps and Cleaners
A707.041	CANCEL - SEE	074-580	-101				Vacuum Cleaners and Attachments
A707.042	CANCEL - SEE	074-585	-101				Compressor Sets and Exhausters
A707.047	CANCEL - SEE	074-590	-101				Clips (Connecting & Test), Coppers and Irons (Soldering)
A707.048	CANCEL - SEE	074-595	-101				Cords, Counterbores, Covers, Cut-Nippers, and Cutters (Strap)
A707.054	CANCEL - SEE	074-600	-101				Details, (Cord Holding), Discs, Dollies, Drills, Extractors and Files
A707.061	CANCEL - SEE	074-620	-101				Fillers
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A 707. NON - CODED TOOLS (CONTINUED)							
A707.063	CANCEL	- SEE	074-625-101				Fixtures
A707.068	CANCEL	- SEE	074-630-101				Flashlights
A707.069	CANCEL	- SEE	074-635-101				Frames, Funnels, Glasses, Goggles, Gravers, Guards and Guides
A707.071	CANCEL	- SEE	074-640-101				Guns (Grease), Hammers and Handles
A707.082	CANCEL	- SEE	074-650-101				Headsets, Heaters, Hoists, Holders, Hones, Hooks, Inserters, Irons (Soldering), Jugs and Keys
A707.089	CANCEL	- SEE	074-670-101				Kits and Knives
A707.096	CANCEL	- SEE	074-680-101				Lacers, Lamps, Lines (Fish), Lubri- cators, Mallets, Mirrors, Needles, Nozzles, and Nuts
A707.104	CANCEL	- SEE	074-700-101				Oilers, Pencils and Pinchcocks
A707.111	CANCEL	- SEE	074-710-101				Pliers
A707.118	CANCEL	- SEE	074-730-101				Pullers and Puller Attachments
A707.119	CANCEL	- SEE	074-740-101				Punches
A707.121	CANCEL	- SEE	074-750-101				Racks, Readers, Reamers, Receivers, Reels and Releasers
A707.125	CANCEL	- SEE	074-755-101				Respirators, Restorers, Rests, Saws, Scissors, Scrapers, and Scrubbers
A707.132	CANCEL	- SEE	074-760-101				Screwdrivers and Screw-Starters
A707.142	CANCEL	- SEE	074-770-101				Sets - Lettering and Numbering Sets, Nail Sets - Shellac Sets, Test Sets and Tap, Bit and Drill Sets
A707.146	CANCEL	- SEE	074-775-101				Shears, Shields, Sleeves, Slotters, Sockets, Spotlights, Spudgers, Stands, and Sticks
A707.153	CANCEL	- SEE	074-785-101				Stirrers, Stones Stretchers, Strippers (Cable), and Strippers (Wire)
A707.154	CANCEL	- SEE	074-795-101				Supports (Key), Supports (Template Card) Syringes, Tables (Portable Elevating), and Tables (Cord Repair)

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A 707. NON - CODED TOOLS (CONTINUED)							
A707.160	CANCEL - SEE	074	800	101			Taps and Miscellaneous Tools
A707.161	CANCEL - SEE	074	820	101			Miscellaneous Tools
A707.162	CANCEL - SEE	074	830	101			Torches, Trays, Tube Pin Straighteners and Tweezers
A707.168	CANCEL - SEE	074	840	101			Units (Flushing) and Wedges
A707.174	CANCEL - SEE	074	860	101			Wrenches (Adjustable and Open End)
A707.181	CANCEL - SEE	074	870	101			Wrenches (Socket Screw Types)
A707.182	CANCEL - SEE	074	880	101			Wrenches (Box, Spanner and Misc.)
A707.188	CANCEL - SEE	074	890	101			Wrenches (Socket Types)
A 708. CODED GAUGES							
A708.001	CANCEL - SEE	084	000	006			General Information
→ A708.002		16		CANCELLED			Index and Systems Application
A708.004	CANCEL - SEE	084	000	001			Alphabetical Index - Guages
A708.011	CANCEL - SEE	084	101	101			Nos. 27 to 61
A708.012	CANCEL - SEE	084	103	101			Nos. 62 to 71
A708.013	CANCEL - SEE	084	105	101			Nos. 73A to 81
A708.014	CANCEL - SEE	084	107	101			Nos. 82 to 91C
A708.015	CANCEL - SEE	084	109	101			Nos. 92A to 104A
A708.016	CANCEL - SEE	084	111	101			Nos. 105A to 114B
A708.017	CANCEL - SEE	084	113	101			Nos. 115A to 125B
A708.018	CANCEL - SEE	084	115	101			Nos. 126A to 134A
A708.019	CANCEL - SEE	084	117	101			Nos. 135A to 145A
A708.020	CANCEL - SEE	084	120	101			Nos. 148A to 161A
A708.021	CANCEL - SEE	084	122	101			Nos. 162A to 165A
A708.022	CANCEL - SEE	084	125	101			Nos. 168A to 175A
A708.023	CANCEL - SEE	084	127	101			Nos. 176A to 188C
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A 709. NON - CODED GAUGES							
A709.001	CANCEL - SEE	084	000	006			General Information
A709.002				CANCELLED			Index and Systems Application
A709.011	CANCEL - SEE	084	501	101			Ammeters (AC and AC-DC Types)
A709.018	CANCEL - SEE	084	505	101			Ammeters (DC Types)
A709.026	CANCEL - SEE	084	510	101			Anemometers, Balances, Blocks, Calipers, Counters and Galvanometers
A709.033	CANCEL - SEE	084	540	101			Gauges (Miscellaneous Types)
A709.034	CANCEL - SEE	084	545	101			Thickness Gauges
A709.040	CANCEL - SEE	084	550	101			Gauges (Feeler) Holders and Hydrometers
A709.047	CANCEL - SEE	084	600	101			Indicators, Levels, Manometers and Meggers
A709.054	CANCEL - SEE	084	640	101			Meters, Microammeters and Micrometers
A709.061	CANCEL - SEE	084	645	101			Milliammeters, Millivoltmeters, Multipliers, Ohmmeters, Pyrometers, Resistors, Rules, and Scales
A709.068	CANCEL - SEE	084	700	101			Shunts, Squares, Straightedges, Tachometers, Tapes, Targets, and Testers
A709.069	CANCEL - SEE	084	750	101			Thermometers and Timers
A709.075	CANCEL - SEE	084	755	101			Transformers and Tuning Forks
A709.082	CANCEL - SEE	084	800	101			Volt-Ammeters and Voltmeters (AC-Types)
A709.089	CANCEL - SEE	084	805	101			Voltmeters (AC-DC and DC-Types)
A709.090	CANCEL - SEE	084	810	101			Volt-Ohmmeters, Volt-OHM-Milliammeters and Voltohmyst
A709.096	CANCEL - SEE	084	870	101			Watches, Wattmeters and Weights
A 710. MATERIALS AND ACCESSORIES							
Add. A710.011	CANCEL - SEE	065	370	101			Power Plant Materials - General
Add. A710.011							
A710.011							
Add. A710.012	CANCEL - SEE	065	330	101			Materials - Greases, Oils and Cleaning Fluids
A710.012							
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PATCHING AND TESTING CORD AND PLUG ASSEMBLIES - COMMON SYSTEMS							
A710.051	CANCEL	- SEE	032-311-101			One Conductor Cords	
A710.052	CANCEL	- SEE	032-312-101			Two Conductor Cords	
A710.053	CANCEL	- SEE	032-313-101			Three Conductor Cords	
A710.054	CANCEL	- SEE	032-314-101			Four Conductor Cords	
A710.055	CANCEL	- SEE	032-315-101			Five Conductor Cords	
A710.056	CANCEL	- SEE	032-316-101			Six Conductor Cords	
A710.057	CANCEL	- SEE	032-317-101			Patching and Testing Cord Assemblies Cords Having More than Six Conductors	
A710.059	CANCEL	- SEE	032-510-101			Coded Jacks (Female Connectors) and Plugs	
A710.060	CANCEL	- SEE	032-300-101			Non-Coded Connectors, Jacks (Female Connectors), Plugs and Sockets Table Type Wagons Per Drawings ED-90595 and ED-90603	
A 720. COMMON TO ALL TOLL OFFICES							
A720.001	CANCEL	- SEE	100-351-101			No. 523A Test Panel for Terminal and Intermediate Ringers	
A720.002	CANCEL	- SEE	100-352-101			No. 546A Test Panel for Terminal and Intermediate Ringers	
A720.003	CANCEL	- SEE	100-355-101			Types "A" and "B" Composite Ringers	
A720.004	CANCEL	- SEE	100-350-101			Testing and Adjusting Panel (J68602W) for 20 and 135-Cycle Ringers	
A720.008	CANCEL	- SEE	100-354-101			Testing and Adjusting Circuit per SD-61389-01 for 1000-Cycle, Two-Tube Ringers	
A720.009	CANCEL	- SEE	100-353-101			- Per SD-61041-02 for 1000-Cycle, Two-Tube Ringers	
→ A720.021	CANCEL	- SEE	103-230-106			Transmission Measuring Systems - Pro- jection Type Meter, Projector and Screen	
Add. A720.101 A720.101	CANCEL	- SEE	100-233-101			Pulse Repeating Test Set J64722A	
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A 720. COMMON TO ALL TOLL OFFICES (CONTINUED)							
A720.802	CANCEL - SEE	100	340	101			No. 2A Relay Test Table for Polar Relays
A720.803	CANCEL - SEE	100	342	101			111A2 Relay Test Panel for Polar Relays
A720.804	CANCEL - SEE	100	341	101			116A1 Relay Test Panel for Polar Relays
A720.805	CANCEL - SEE	100	343	101			116B1 and 116C1 Relay Test Panels for Polar Relays
A720.999		2	2	A10,E12	NS		L-3662 Portable Control Set for Use in Adjusting Ringer Equipment
A 725. NO. 1 TOLL SWITCHBOARD							
→ A725.001	CANCEL - SEE	211	202	101			Semi-Automatic Testing and Adjusting Circuits - Low Shunt Type per SD-62140-01 or SD-62140-02 and SD-62136-01 - High Impedance Cord Circuits
→ A725.002	CANCEL - SEE	211	203	101			Manual Testing and Adjusting Circuits - Low Shunt Type per SD-62148-01 or SD-62148-02 and SD-62145-01 - High Impedance Cord Circuits
→ A725.010	CANCEL - SEE	211	201	101			Semi-Automatic Testing and Adjusting Circuits - Low Shunt Type per SD-62218-01 and SD-62216-01 - Condenser Type Cord Circuit
A 726. NO. 3 TOLL SWITCHBOARD							
A726.102	CANCEL - SEE	100	356	101			20-Cycle, 135-Cycle and 1000-Cycle Line Signaling Equipment - Test Circuit SD-61085-01 - No. 3 and No. 11 Toll Offices
→ A726.103	CANCEL - SEE	211	334	101			Pad Control Relay Testing Circuit
A 728. NO. 4A TOLL SWITCHING SYSTEM							
A728.001	CANCEL - SEE	076	143	101			No. 659A Toll (Card Coding Tool) Nos. 4A and 4M Toll Switching Systems
A728.101	CANCEL - SEE	212	012	100			Trouble Recorder Frame
A728.102	CANCEL - SEE	212	210	101			Incoming Sender Test Frame
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SECTION NO.	ISSUE - CODE						SUBJECT
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A 728. NO. 4A TOLL SWITCHING SYSTEM (CONTINUED)							
A728.103	CANCEL - SEE	212-218-101					Outgoing Sender Test Frame
A728.104	CANCEL - SEE	212-205-101					Sender Make-Busy Frame
A728.105	CANCEL - SEE	212-511-101					Automatic Outgoing Toll Connecting Trunk Test and Connector Frames
A728.106	CANCEL - SEE			CD-954 (6-01			Manual Outgoing Toll Connecting Trunk Test Frame and Outgoing Toll Connecting Trunk Test and Make-Busy Frame
A728.111	CANCEL - SEE	212-505-101					Automatic Outgoing Intertoll Trunk Test Circuit (AOIT) and Associated Teletypewriter
A728.112	CANCEL - SEE	A 702.679					Automatic Transmission Test and Control Circuit (ATTC)
A 730. NO. 1 MANUAL COMMON BATTERY OFFICE							
A730.001	CANCEL - SEE	163-652-101					Circuit Used in Connection with 163 Type Interrupter for Testing and Adjusting "A" Cord Supervisory Relays
A730.051				CANCELLED			Maintenance Arrangements for Toll Switchboard No. 2 and the Toll Positions of Switchboards Nos. 10 and 11 (Bridged Supervisory Type)
A730.205				CANCELLED			Test Line Circuits for Testing Trip Relays
A730.416				CANCELLED			Trunk and Position Test Set SD-12657-011 - Automatic Display Call Indicator
A730.426				CANCELLED			Position Control Test Set SD-12655-01 - Automatic Display Call Indicator
A730.428				CANCELLED			Trunk Finder Test Circuit SD-12656-01 - Automatic Display Call Indicator
A 737. NO. 12 SWITCHBOARD							
A737.001	2	2	2	A13	NS		Switchboard Test Circuit per SD-15122-01
A737.002	1	1	1	A13	1	A13	Voltmeter Test Circuit per SD-15118-01
A737.003	1	1	1	A13	1	"	Switchboard Test Circuit per SD-15174-01
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SECTION NO.	ATT	PWB	W-I	CODE	0	CODE	SUBJECT
A 750. STEP - BY - STEP OFFICES							
A750.002	CANCEL - SEE	100-232	501				Pulsing Test Set
A750.003	CANCEL - SEE	100-135	101				Connector Test Set J34719A
A750.035	CANCEL - SEE	226-830	101				30A Level Distribution Register
A750.051				CANCELLED			Sender and Identifier Test Circuit SD-31945-01 - Automatic Ticketing
A 760.)							
A 769.) PANEL OFFICES							
A760.035	CANCEL - SEE	215-175	101				30A Level Distribution Register
A760.098				CANCELLED			Line Finder Brush Test Set per SD-21304-01
A760.099				CANCELLED			Message Register Test Set per SD-20173-01
A762.341	CANCEL - SEE	215-502	101				Subscriber's Line Test Set SD-20053-011 - Battery Cutoff Relay Equipment
A763.203	CANCEL - SEE	215-110	101				Office Selector Test Set SD-20258-01
A763.402	CANCEL - SEE	215-521	101				Incoming and Final Selector Test Set SD-20050-01 - Battery Cutoff Relay
A763.431	CANCEL - SEE	215-531	101				Final Selector Test Frame SD-20043-011 - Battery Cutoff Relay Equipment
A763.742				CANCELLED			"B" Incoming Selector Test Set SD-20052-01 - Battery Cutoff Relay Equipment
A764.201	CANCEL - SEE	215-140	101				Decoder Test Frame
A764.465	CANCEL - SEE	215-145	101				Trouble Indicator Frame
A764.741				CANCELLED			Sender and Position Test Frame SD-21107-011 - Call Distributing "B" Board
A768.206		1	1	A8	NS		Subscribers Line Test Set Line Finder
A 770. CROSSBAR OFFICES							
A 770.200 NO. 5 CROSSBAR OFFICES							
A770.201	CANCEL - SEE	58-110	100	OPERATIONAL	FEATURES		Master Test Frame
	CD-25800-01						
A770.220	CANCEL - SEE	218-515	101				Office Test Frames
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		ATT	FAB	W-I	CODE	O	CODE				
A 799. MISCELLANEOUS											
A799.022.1			A	A	A10,E12	NS					RCA Senior Voltohmyst Electronic Meter - Type WV-97A
A799.401			A		CANCELLED	A	A1				Subscriber Line Insulation Test Set - Electronic Type with Sleeve Supervision Per S.W.B.T. Co. Drawing SEK-10938-Panel, SXS and Manual Nos. 1 and 11 Offices
A799.991.1			B	B	A10						Transmission Testing Model TTS - 4N Transmission Measuring Set - Discription

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PACIFIC NORTHWEST BELL CHECKING LIST
DIVISION A800 - EDUCATIONAL INFORMATION

COMPANY or AREA							
SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PNB	W-I	CODE		CODE	
A800. GENERAL							
	A800.001	CANCEL - SEE	010-100-001				First Aid
→ App. 1	A800.091		A	A	A10		Accident Prevention - Power Equipment
	A800.091		A	A	A10		Accident Prevention - Power Equipment
	A800.092		A	A	A10		- Operating, Terminal and Apparatus Rooms
A801. POWER EQUIPMENT							
A801.000 BATTERIES							
	A801.001	CANCEL - SEE	157-620-101				Storage Batteries - Open Type - Description of Apparatus
	A801.002	CANCEL - SEE	157-601-101				- Theory and Definitions - Lead-Acid Type
	A801.003	CANCEL - SEE	157-621-101				Enclosed-Type, Lead-Acid - Design and Construction
	A801.004	CANCEL - SEE	157-321-101				Countercells - Alkaline Dry Cells and Dry Batteries
	A801.010	CANCEL - SEE	157-421-101				Dry Cells and Dry Batteries
	A801.011	CANCEL - SEE	157-221-101				KS-7777, KS-7778 and KS-15760 (Air Depolarized Cells)
	A801.021	CANCEL - SEE	157-631-101				KS-15578 Nickel-Cadmium Batteries - Engine Starting
A801.100 MOTORS AND GENERATORS							
	A801.101	CANCEL - SEE	155-512-101				Commercial Type Charging Generators
	A801.105	CANCEL - SEE	155-405-101				Generators - Ringing and Coin Control - P Type
	A801.106	CANCEL - SEE	155-410-101				- Commercial Type
	A801.110	CANCEL - SEE	155-105-101				Alternators - Commercial Type
Add.	A801.116	CANCEL - SEE	155-605-101				Motor-Generator Sets - 135-Cycle Signaling, 10.5 and 40 Watts
	A801.116						
Add.	A801.120	CANCEL - SEE	155-608-101				- 1000-Cycle Signaling
	A801.120						
Add.	A801.121	CANCEL - SEE	163-702-101				Ringing Machines - 1/2 Ampere - 20 Cycle
	A801.121						
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COMPANY or AREA						
SECTION NO.	ISSUE - CODE					SUBJECT
	ATT	PVB	W-I	CODE	CODE	
A801.100 MOTORS AND GENERATORS (CONTINUED)						
A801.122 CANCEL - SEE SECTION A301.122 (X-72580-01)						Holtzer-Cabot 1/2 Ampere Ringing Machines per KS-5133
A801.124 CANCEL - SEE 155-307-101						Tone Alternators
A801.135 CANCEL - SEE 159-424-101						AC-DC Duplex Motors - 1/16 and 1/12 HP
A801.150 CANCEL - SEE SECTION A301.150 (X-72557-01)						Induction Motors per KS-5007, KS-5123 and KS-5137
A801.151 CANCEL - SEE SECTION A301.151 (X-72559-01)						Synchronous Motors with Direct Connected Exciters per KS-5123
A801.154 CANCEL - SEE 163-320-101						Ringing Machines - QD Type
A801.155 CANCEL - SEE 159-405-101						Motors - Direct Current - One-Quarter Horsepower or Larger
A801.200 ENGINES AND ENGINE SETS						
A801.201 CANCEL - SEE 159-110-101						Gasoline Engines - Types "ATT", "R" and "BA"
A801.206 CANCEL - SEE SECTION A301.206 (X-72501-01)						Foos Type "T" Engines per KS-5014 and KS-5102
A801.215 CANCEL - SEE SECTION A301.215 (X-72532-01)						350 KW and 2.5 KW Delco Charging Sets - Per KS-5402
A801.221 CANCEL - SEE 155-516-101						Westinghouse Engine-Generator Sets - Kerosene - 1.5 KW
A801.232 CANCEL - SEE 155-128-101						General Motors - Diesel Engines - Series 71 Sets - KS-5574
A801.300 RECTIFIERS AND RECTIFIER - INVERTERS						
A801.301					CANCELLED	Mercury Arc
A801.302 CANCEL - SEE 169-210-101						Tungar Rectifiers
A801.303 CANCEL - SEE 169-230-101						Regulated Tube
A801.309 CANCEL - SEE 161-260-101						Regulated Tube Rectifier-Inverter Phase Shift Control J86425A and Associated Power Control Panels J86425B and C
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SECTION NO.	ATT	FWB	W-I	CODE	Q	CODE	SUBJECT
A801. 300 RECTIFIERS AND RECTIFIER - INVERTERS (CONTINUED)							
A801.340	CANCEL - SEE	169-621	101				Metallic Type Rectifier - Manual Regulation-Single Cell Charger, 210 Amperes - J86264A
A801. 400 INTERRUPTERS							
A801.401	CANCEL - SEE	163-600	101				84 Type
A801.402 (X-72535-01)	CANCEL - SEE	SECTION A301.402					4-Cycle Motor-Driven Pole Changer per KS-5068
A801.425	CANCEL - SEE	163-675	101				Motor-Driven Interrupters and Tone Machines
A801.426	CANCEL - SEE	163-650	101				Rotary Mercury Type
A801. 500 POWER PANELS AND CONTROL EQUIPMENT							
A801.503	CANCEL - SEE	024-460	101				Voltage Regulators - AC and DC Automatic Rotating Coin Types
A801.504	CANCEL - SEE	024-481	101				General Electric Company's Type TA-125, F
A801.505 (X-72552-01)	CANCEL - SEE	026-390	101				Cutler-Hammer Automatic DC Starters
A801.506 (X-72563-01)	CANCEL - SEE	026-380	101				Hand Starting Compensators per KS-5092 and KS-5140
A801.530	CANCEL - SEE	024-462	101				Voltage Regulator - Centrifugal Type - Automatic
A801.561	CANCEL - SEE	100-505	101				Contact Making Ampere Hour Meters
A801.817	CANCEL - SEE	167-621	301				No. 302A - 24- and 48-Volt Supplies with Automatic Voltage Regulations
A801. 900 EMERGENCY, SPARE AND MISCELLANEOUS POWER EQUIPMENT							
A801.901	CANCEL - SEE	032-100	101				Electrolytic Condensers - 100 and 101 Types
A801.902 (X-72584-01)	CANCEL - SEE	161-105	101				Cleveland Worm and Gear - Speed Reduction Unit with Driving Motor per KS-5171
A801.904	CANCEL - SEE	161-408	101				Sturtevant Exhauster Sets

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A 801. 900 EMERGENCY. SPARE AND MISCELLANEOUS POWER EQUIPMENT (CONTINUED)							
A801.910 CANCEL - SEE	171	123	101				Test Loads for Power Equipment
A801.999		A	NS		A	E12	U.S. Motors Corporation Micro Power Units
A 802. DISTRIBUTING FRAMES, RACKS AND FUSE PANELS							
A 802. 000 DISTRIBUTING FRAMES							
→ A802.002 CANCEL - SEE	201	201	101				Main Distributing Frame for Large Central Office Buildings
A 803. SWITCHBOARD EQUIPMENT - COMMON TO ALL OFFICES							
A803.030 CANCEL - SEE	030	100	101				Calculagraphs, Spring-Driven
A803.031 CANCEL - SEE	030	101	101				- Electrically Driven - Model 30 and Model 33
A803.051				CANCELLED			Toll Grade Talking Battery Supply Circuits - Using Parallel Wound "G" Type Supervisory Relay and 8A Resistance Lamps
A803.060 CANCEL - SEE	030	120	101				Electric Clock System for Telephone Offices
A803.999		1	1	A8	NS		AC/DC Ringing System and the Particular Part-of-the-Wave Method of Testing and Readjusting Trip Relays
A 804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES							
A804.001 CANCEL - SEE	005	120	101				Description of Circuit Requirement Tables
Add. A804.003							Description of Transmission Test Requirement Tables
A804.003 CANCEL - SEE	005	121	101				
A804.004 CANCEL - SEE	032	100	102				Description of Circuit Requirement Table for Electrolytic Condensers
A804.005 CANCEL - SEE	005	105	101				Methods Used on Wiring Diagrams
Add. A804.007.1							Winding and Spring Designations - Apparatus Connecting Points - Referred to in Circuit Requirement Tables - Index and General Information
A804.007.1 CANCEL - SEE	005	120	102				
Add. A804.007.2							- Standard Since 1931
A804.007.2 CANCEL - SEE	005	120	103				
A804.007.3 CANCEL - SEE	005	120	104				- Standard Prior to 1931
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A 804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)						
A804.008 CANCEL - SEE	032	120	101			Reference Data - Color Codes for Fixed Capacitors and Fixed Resistors (KS-SPEC., Mil or JAN, RETMA)
Add. A804.009						Wiring Symbols, Wiring Abbreviations and Definitions - Wiring and Cabling
A804.009 CANCEL - SEE	005	150	101			
A804.101 CANCEL - SEE	040	502	101			Relays - AF-, AG-, and AJ-Type Relays - (Wire Spring Type)
A804.102 CANCEL - SEE	040	275	101			Dry-Reed Type Relays Educational Information
A804.414 CANCEL - SEE	201	601	101			Emergency Alarm Systems
A804.415 CANCEL - SEE	010	105	001			Principles of Fire Fighting and Description and Use of Equipment and Apparatus
A804.420		C	C	A10		Theory of Relays
A804.424 CANCEL - SEE	024	722	101			Electron Tubes - Western Electric Marking and Dating
A804.451 CANCEL - SEE	201	505	101			Time Announcement Equipment
A804.467.1	2	2	2	A10		Expected Measured Loss Calculations for E-Repeatered and Non-Repeatered Tw - Wire Trunks
A804.468 CANCEL - SEE	660	501	500			Trunk Transmission Testing Using the Loop-Around Method
A804.469.00 CANCEL - SEE	660	500	500			Transmission Testing of Message Trunks At Locations Other Than Test Boards - General Information
A804.469.01				Cancelled		Transmission Testing - 1000 Cycle - Local Trunks - Non-Repeating or with E-type Repeaters
A804.469.02				Cancelled		Transmission Testing - 1000 Cycles - Local Tandem Trunks - Non-Repeatered or with E-type Repeaters
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A 804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)						
A804.469.03				Cancelled		Transmission Testing - 1000 Cycles - Tandem Completing Trunks - Non-Repeatered or with E-type Repeaters
A804.469.04				Cancelled		Transmission Testing - 1000 Cycles - Combined Recording and Completing Trunks - Non-Repeatered or with E-type Repeaters
A804.469.05				Cancelled		Transmission Testing - 1000 Cycles - Manual Toll Switching Trunks - Non-Repeatered or with E-type Repeaters
A804.469.06				Cancelled		Transmission Testing - 1000 Cycles - Manual Two-Wire Toll Tandem Trunks
A804.470.1 CANCEL - SEE 024-120-100						KS-16575-L1 Amplifier (McIntosh)
A804.480 CANCEL - SEE 024-150-100						General Information on Speech Amplifiers
Add. A804.486						El Telephone Repeater - SD-95465-01 (J98611A)
A804.486 CANCEL - SEE 332-200-000						
Add. A804.487 CANCEL - SEE 024-102-100						106A Amplifier
A804.487 CANCEL - SEE 024-102-100						
Add. A804.488.1 CANCEL - SEE 024-106-100						142-Type Amplifiers
A804.488.1 CANCEL - SEE 024-106-100						
A804.488.2 CANCEL - SEE 024-106-101						- Input Circuit Variations
A804.489.1 CANCEL - SEE 024-107-100						143-Type Amplifier
A804.489.2 CANCEL - SEE 024-107-101						- Input Circuit Variations
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A804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)						
A804.490	CANCEL	- SEE	024-121-100			A-120 Amplifier - (McIntosh)
A804.491	CANCEL	- SEE	320-150-100			KS-16816, L1 Equalizer
A804.492	CANCEL	- SEE	024-105-100			140-Type Amplifier
A804.495.00	CANCEL	- SEE	332-104-100			V4 Telephone Repeater
A804.495.01	CANCEL	- SEE	332-104-101			227-Type Amplifiers
A804.497	CANCEL	- SEE	024-130-100			KS-16740 Amplifier System (ALTEC S-17 System)
A804.499	CANCEL	- SEE	024-125-100			KS-16622, List 1, Amplifier
A804.532	CANCEL	- SEE	9 DIGIT DIV. 310			Special Multipoint Private Line Telephone Circuits
A804.534.1	CANCEL	- SEE	9 DIGIT DIV. 310			Anti-Aircraft Operations Control System for Defended Cities and Strategic Areas - Centralized Manual Control System
A804.556	CANCEL	- SEE	034-305-101			KS-13834 Perforator - (Trouble Recorder)
A804.561	CANCEL	- SEE	9 DIGIT DIV. 310			Channels for Polling Television Receivers
A804.570	CANCEL	- SEE	660-470-100			Terminal Balance - General Description and Considerations
A804.596	CANCEL	- SEE	9 DIGIT DIV. 310			SS-1 Selective Signaling System
A804.901.00	CANCEL	- SEE	067-201-101			Gfeller Line Concentrator 49-9-2, 49-11+1-2, 49-12-2 - Gen. Desc.
A804.901.01	CANCEL	- SEE	067-201-102			- Detailed Circuit Operation
A804.901.02	CANCEL	- SEE	067-201-401			- Schematics
A804.901.03	CANCEL	- SEE	067-201-103			- Auxiliary and Applique Circuits
A804.901.04	CANCEL	- SEE	067-201-201			- Initial Preparation and Line Up
A804.901.05	CANCEL	- SEE	067-201-501			- Power Supply Pec - 800 1-A
A804.901.06	CANCEL	- SEE	067-201-701			- Apparatus Requirements and Adjusting Procedures
A804.901.07	CANCEL	- SEE	067-201-801			- Piece Part Data, Replacement Procedures Component Parts and Maintenance Equipment
A804.901.08	CANCEL	- SEE	067-201-502			Gfeller Line Conc. Power Supply IEC-8002

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A804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)								
A804.490	CANCEL - SEE	024	121	100			A-120 Amplifier - (McIntosh)	
A804.491	CANCEL - SEE	320	150	100			KS-16816, L1 Equalizer	
A804.492	CANCEL - SEE	024	105	100			140-Type Amplifier	
A804.495.00		1	1	1	A3	1	A1,4,5,E12	V4 Telephone Repeater
A804.495.01		1	1	1	A10	1	A1,4,5, E12	227-Type Amplifiers
A804.497	CANCEL - SEE	024	130	100				KS-16740 Amplifier System (ALTEC S-17 System)
A804.499	CANCEL - SEE	024	125	100				KS-16622, List 1, Amplifier
A804.532	CANCEL - SEE	9	DIGIT	DIV.	310			Special Multipoint Private Line Telephone Circuits
A804.534.1	CANCEL - SEE	9	DIGIT	DIV.	310			Anti-Aircraft Operations Control System for Defended Cities and Strategic Areas - Centralized Manual Control System
A804.556	CANCEL - SEE	034	305	101				KS-13834 Perforator - (Trouble Recorder)
A804.561	CANCEL - SEE	9	DIGIT	DIV.	310			Channels for Polling Television Receivers
A804.570		1	1	1	A10	1	"	Terminal Balance - General Description and Considerations
A804.596	CANCEL - SEE	9	DIGIT	DIV.	310			SS-1 Selective Signaling System
A804.901.00	CANCEL - SEE	067	201	101				Gfeller Line Concentrator 49-9-2, 49-11+1-2, 49-12-2 - Gen. Desc.
A804.901.01	CANCEL - SEE	067	201	102				- Detailed Circuit Operation
A804.901.02	CANCEL - SEE	067	201	401				- Schematics
A804.901.03	CANCEL - SEE	067	201	103				- Auxiliary and Applique Circuits
A804.901.04	CANCEL - SEE	067	201	201				- Initial Preparation and Line Up
A804.901.05	CANCEL - SEE	067	201	501				- Power Supply Pec - 800 1-A
A804.901.06	CANCEL - SEE	067	201	701				- Apparatus Requirements and Adjusting Procedures
A804.901.07	CANCEL - SEE	067	201	801				- Piece Part Data, Replacement Procedures Component Parts and Maintenance Equipment
A804.901.08	CANCEL - SEE	067	201	502				Gfeller Line Conc. Power Supply PEC-8002

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	ATT	PWB	H-I	CODE	0	CODE	
A 804. MISCELLANEOUS EQUIPMENT - COMMON TO ALL OFFICES (CONTINUED)							
A804.901.12 CANCEL - SEE 067-201-402							Gfeller Line Concentrator 49 - 11 + 1 & 2 Schematics
A804.901.14 CANCEL - SEE 067-201-403							- 49 - 12 - 2 Schematics
A804.990		A	A	A10	NS		No. 1B Holding Time Recorder
A 807. CARRIER SYSTEMS							
A 807.000 M - TYPE CARRIER TELEPHONE SYSTEM							
A807.001	2	2	2	A3	2	A3	Description of Equipment and Method of Operation
A 807.020 N - TYPE CARRIER TELEPHONE SYSTEM							
A807.021 thru A807.027							See Cross Reference List Plant Series Section 200-020-001
A 807.040 O - TYPE CARRIER TELEPHONE SYSTEM							
A807.041 thru A807.061							See Cross Reference List Plant Series Section 200-020-001
A 807.070 P - TYPE CARRIER TELEPHONE SYSTEM							
A807.071 CANCEL - SEE 363-100-100							P1 Carrier Telephone System - Identifi- cation - General Description and Use
A 812. LOCAL AND TOLL SERVICE OBSERVING EQUIPMENT AND LOCAL PLANT AND TRAFFIC DESKS							
A 812.000 SERVICE OBSERVING EQUIPMENT							
A812.031	1			CANCELLED			Key Monitoring Equipment - Call Dis- tributing "B" Board - Panel Offices
A 812.100 OPERATING ROOM DESKS							
A812.151 CANCEL - SEE 210-302-101							No. 3 Information Desk
A 817.) COMMUNITY DIAL OFFICES							
A 818.)							
A818.501	1			CANCELLED			North Electric Company CX Type
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ISSUE - CODE

SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	PMB	H-I	CODE	O	CODE	
A820. COMMON TO ALL TOLL OFFICES							
A820.001 CANCEL - SEE	211	130	101				Pneumatic Tube Type Ticket Distributing System
A820.005 CANCEL - SEE	211	140	101				Ticket Distributing System - Track Type for Small Toll Switchboards
A820.211				CANCELLED			Two-Tube 1000-Cycle Signaling System
A820.251 CANCEL - SEE	179	201	101				General Description - 1600- or 2000-Cycle Single Frequency Signaling System Equipped with Signaling Circuit SD-56202-01
A820.256 CANCEL - SEE	179	202	101				Detailed Circuit Operation - 1600 or 2000-Cycle Single Frequency Signaling System Equipped with Signaling Circuit SD-56202-01
A820.301 CANCEL - SEE	211	146	101				General Description - Intertoll Trunk Concentrating Equipment
Add. A820.903							Alarm Trunk Circuit SD-64542-01 for Use between Main and Auxiliary Repeater Stations
A820.903 CANCEL - SEE	201	628	101				B1 Alarm and Control System
A820.904 CANCEL - SEE	201	630	101				C1 Alarm and Control System - Sequence Signaling and Order Circuits for Use with TD2 Radio Relay Systems
A820.911 CANCEL - SEE	201	631	101				
A826. NO. 3 AND 3CL TOLL SWITCHBOARDS							
A826.056 CANCEL - SEE	211	300	101				General Description - No. 3CL Switchboard - Switching Trunk Tandem Position - Toll Systems
A826. 300 MISCELLANEOUS CIRCUITS							
A826.385 CANCEL - SEE	211	319	101				AC Busy and Idle Indicating Lamp Signals
A828. NO. 4A TOLL SWITCHING SYSTEM							
A828. 100 GENERAL							
→ A828.101 CANCEL - SEE	964	110	100				General Description
A828.111 CANCEL - SEE	212	120	101				1-Type Translator (Card Translator)

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SECTION NO.	ISSUE - CODE						SUBJECT
	ATT	FTB	W-I	CODE	0	CODE	
A828.121 DETAILED CIRCUIT OPERATION							
A828.121.1	1	1	1	A4	1	A4	Introduction
A828.121.2	1	1	1	A4	1	"	Call From an Outward Switchboard to a SXS Subscriber Over an Intertoll Trunk with CX Signaling Via a No. 4A Office - 3-Digit Translation
A828.121.3	1	1	1	A4	1	"	Uses of Routing Instructions
A828.121.4	1	1	1	A4	1	"	Call From an Outward Operator to a No. 1 Crossbar Office Arranged for MF Pulsing Via Two No. 4A Toll Offices - 3- and 6-Digit Translation
A828.121.5	1	1	1	A4	1	"	Call From an Outward Operator to a Manual Toll Office - 3-Digit Trans- lation
A828.121.6	1	1	1	A4	1	"	Call From an Outward Switchboard to a Manual Toll Office in the same Number- ing Plan Area - Switched via a CSP in a Foreign Area - Prefixing
A828.121.7	1	1	1	A4	1	"	Call From an Outward Switchboard to an MF No. 1 Crossbar Office Via Two No. 4A Toll Offices and No. 1 Crossbar Tandem Office
A828.121.8	1	1	1	A4	1	"	Call From an Outward Switchboard to a Panel Dial Office or to a No. 1 Cross- bar Office Via a No. 4A Toll Office Using RP Pulsing - 3-Digit Translation
A828.121.9	1	1	1	A4	1	"	Completing Calls to TX Switchboard Positions
A828.121.10	1	1	1	A4	1	"	Principal City or Vacant Code Routing, Blank Codes and Card Failures
A828.121.11	1	1	1	A4	1	"	All Channels Busy
A828.121.12	1	1	1	A4	1	"	Delayed Calls
A828.121.13	1	1	1	A4	1	"	Link Controller - Simultaneous Calls
A828.121.14	1	1	1	A4	1	"	Decoder Connector - Traffic Sequence Feature
A828.121.15	1	1	1	A4	1	"	Timing of Equipment Failures and Traffic Delays
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	ATT	PNB	W-I	CODE	0	CODE	
A828. 121 DETAILED CIRCUIT OPERATION (CONTINUED)							
A828.121.16	1	1	1	A4	1	A4	Abandoned Calls
A828.121.17	1	1	1	A4	1	"	Second and Third Trail Calls
A828.121.18	1	1	1	A4	1	"	Miscellaneous Features of Decoder and Marker
A828. 130 MISCELLANEOUS							
A828.131	1	1	1	A4	1	A4	Trouble Analysis
A830. NO. 1 MANUAL COMMON BATTERY OFFICE							
A830. 400 CALL INDICATOR EQUIPMENT							
A830.416	1	NS					Automatic Display Call Indicator - ADCI
A837. NO. 12 SWITCHBOARD							
A837.001	1	1	1	A13	1	A13	General Description
A837.002	1	1	1	A13	1	"	- 640-Line and 1440-Line
A850.) STEP - BY - STEP OFFICES							
A859.)							
A850. SUBSCRIBER LINE AND ASSOCIATED EQUIPMENT							
A850. 100 LINE FINDER OFFICES							
→ A850.111	1			CANCELLED			200 Point Line Finder Bank Wiring Arrangement
A853. CONNECTORS							
→ A853.022	1			CANCELLED			Level-Hunting Connectors
A854. REPEATERS AND OUT TRUNK EQUIPMENT							
→ A854.111	1			CANCELLED			Rotary Out Trunk Switches
A859. MISCELLANEOUS							
→ A859.101	1			CANCELLED			Community Dial Office - No. 360A Dial Office Equipment
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A 860.) A 869.)							PANEL OFFICES
A 862. SUBSCRIBER LINE CIRCUITS							
A 862.341 CANCEL - SEE				215-501-101			Subscriber Line Circuit - Battery Cut-off Relay Equipment
A 863. SELECTOR CIRCUITS							
A 863.401 CANCEL - SEE				215-522-101			Incoming Selectors - Battery Cutoff Relay Equipment
A 863.431 CANCEL - SEE				215-532-101			Final Selectors - Battery Cutoff Relay Equipment
A 864. LINK, SENDER, TRANSLATOR AND DECODER CIRCUITS							
A 864.201 CANCEL - SEE				215-141-101			Decoder Equipment
A 865. SWITCHBOARD CIRCUITS							
A 865.501 CANCEL - SEE				215-233-101			Sender Monitor Circuit and Equipment Arrangements in Panel "A" Board - Sender Make-Busy Frame and Associated Facilities in Switch Room
A 865.741		1		CANCELLED			Call Distributing "B" Switchboard
A 870.) A 871.)							NO. 1 CROSSBAR OFFICES
A 870.810 CANCEL - SEE				216-718-101			Number Group and Block Relay Frame and Line Distributing Frame - Cross-Connections
A 874. NO. 5 CROSSBAR OFFICES							
A 874.201 DETAILED CIRCUIT OPERATION - NONWIRE - SPRING - RELAY TYPE							
→ A 874.201.1				CANCELLED			Introduction
→ A 874.201.2				CANCELLED			Establishing the Dialing Connection
→ A 874.201.3				CANCELLED			Dialing the Called Number
→ A 874.201.4				CANCELLED			Pretranslation
→ A 874.201.5				CANCELLED			Intraoffice Calls
→ A 874.201.6				CANCELLED			Outgoing Calls Using Senders
→ A 874.201.7				CANCELLED			Incoming Calls
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A874.201 DETAILED CIRCUIT OPERATION - NONWIRE - SPRING - RELAY TYPE (CONTINUED)							
→ A874.201.8				CANCELLED			Reverting Calls
→ A874.201.9				CANCELLED			Assistance, Manual and Service Code Calls
→ A874.201.10				CANCELLED			Various Call Conditions
→ A874.201.11				CANCELLED			Prepayment Coin Service
→ A874.201.12				CANCELLED			Message Register Service
→ A874.201.13				CANCELLED			Calls Through DSA Switchboard
→ A874.201.14				CANCELLED			Calls Through DSB Switchboard
→ A874.201.15				CANCELLED			Toll and Tandem Center Switching Features
→ A874.201.16				CANCELLED			Intermarker Group Calls
→ A874.201.17				CANCELLED			Special Calls
→ A874.201.18				CANCELLED			Station Ringer Test Calls
→ A874.201.19				CANCELLED			Group Supply, Allotter Advance, Re-cycle, Route Advance, Class Advance and Failure to M Match
→ A874.201.20				CANCELLED			Marker Timing
→ A874.201.21				CANCELLED			Marker, Connector Traffic Control, Timing and Alarms
→ A874.201.22				CANCELLED			Light and Heavy Traffic Control
→ A874.201.23				CANCELLED			Marker Release and Second Trail
→ A874.201.24				CANCELLED			Marker Trouble Records
→ A874.201.25				CANCELLED			Traffic Register Operation
→ A874.201.26				CANCELLED			Foreign Area Dialing Codes
→ A874.201.27				CANCELLED			Permanent Signals
→ A874.201.28				CANCELLED			Cross-Detecting Relays
→ A874.201.29				CANCELLED			Foreign Area Translation
→ A874.201.30				CANCELLED			Terminal Hunting
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